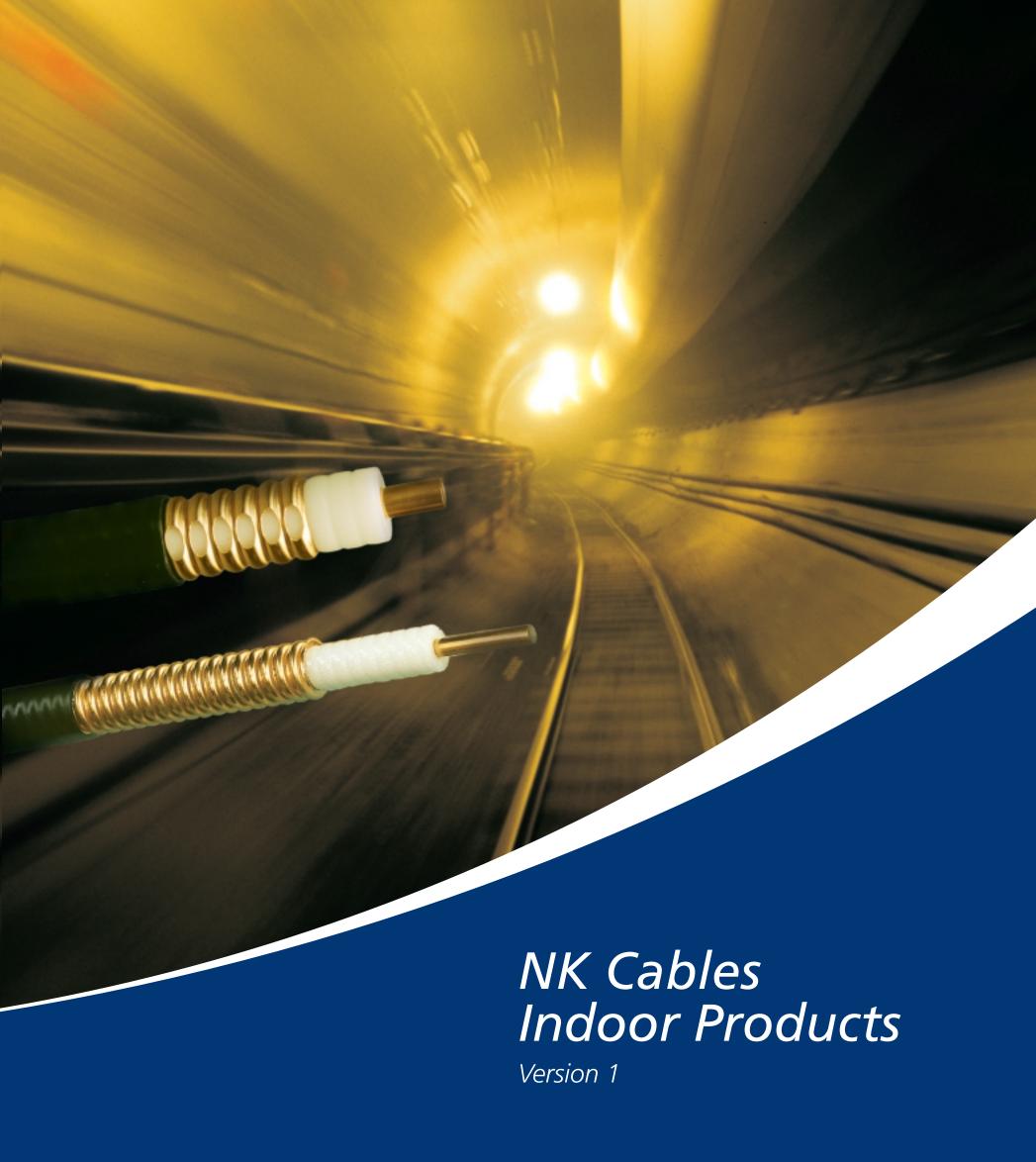




Your partner in quality cable solutions

NK CABLES

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NK CABLES



Your partner in quality cable solutions

NK Cables' feeder cables and coaxial antennas have been designed to meet the highest quality and environmental standards. An essential part of our philosophy is to maintain continuous improvement and development of new products and services to provide value to our customers.

In response to market demand, we offer a more complete product range – NK Cables Indoor Products – consisting of feeder cables, coaxial antenna cables, jumpers, connectors and other accessories.

All in one package

With this one-stop shopping package we guarantee our customers the compatibility of the different elements, and warrant the proper operation of our cables and accessories provided the installation is carried out in accordance with our installation instructions. Furthermore, we offer technical support to our indoor coverage customers.

Mobile Networks Worldwide

NK Cables is a recognized feeder and coaxial antenna line provider. Our cables are produced in Oulu Finland, China and Brazil. Our distribution centers are in Hamburg, Shanghai, Singapore, Dallas, Mexico City, and Campinas near Sao Paulo. An extensive sales network serves our customers worldwide.

NK Cables

NK Cables has been a recognized supplier of cables since 1912. We work under the Draka Comteq marketing label, combining communication cables, fibers and systems. Our product portfolio consists of products and services for both mobile and fixed networks.

NK Cables Indoor Products

There are two ways to make the mobile phone signal reach the normal fixed network in indoor coverage systems: distributed antenna system and coaxial antenna system. These systems enable people to use their mobile phones in areas not normally covered by RF signals.

Indoor coverage in buildings

APPLICATIONS

The distributed antenna system (DAS) is the most popular way to build indoor coverage network in buildings. It is the most cost effective solution in buildings with large open spaces and light separation walls, because then the propagation of the antenna signal beam is not disrupted. Examples of structures easy to cover with point source antennas include factory halls, car park areas, office buildings and reception halls in large public buildings.

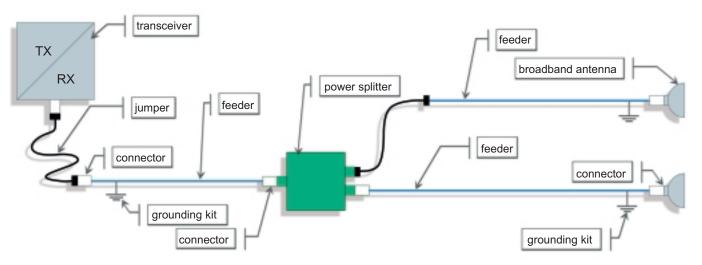


DAS system in a station environment.

DAS SYSTEM

This system is based on several distributed antennas within the indoor coverage area, which are linked together with feeder cables. The distributed antenna system consists usually of a base station or repeater,

jumpers, connectors, feeder cables, power splitters, and distributed antennas. Also multi-frequency couplers/filters are needed in systems where different operating frequencies are connected to the same distributed antenna.



NK CABLES

FIRE PERFORMANCE

Cables for the DAS system are usually installed in environments where fire safety is essential. NK Cables supplies low-smoke halogen-free RF cables with flame or fire retardant constructions fulfilling the requirements listed in table below. In addition, our BHF jacketed RF cables pass the UL 1666 Flame test and can be supplied with a UL Rating of CATVR.



Test on flammability of single cables.

CHARACTERISTICS	TEST METHOD
Fire propagation	IEC 60332-1, IEC 60332-3C and UL 1666
Smoke generation	IEC 61034-1 and IEC 61034-2
Acid gases generation	IEC 60754-1 and IEC 60754-2

The most important aspects in the fire performance of the cables according to IEC standards.

PRODUCTS



NK Cables' feeder cables for indoor coverage system are made as several cross sections meeting the requirements of most DAS applications: RF 1/2", RF 5/8", RF 7/8", RF 1 1/4", RFF 1/2" and RFE 7/8".

Properties and performances of the DAS cables are listed in Table below.

RF BHF cables for DAS systems.

PRODUCTS	RF 1/2" BHF	RF 5/8" BHF	RF 7/8" BHF	RF 1 1/4" BHF	RFF 1/2" BHF	RFE 7/8" BHF
PRODUCT CODE	NKRF01202	NKRF05802	NKRF07802	NKRF11402	NKRFF01202	NKRFE07802
CONSTRUCTION						
Inner conductor	Ø 4.8 mm	Ø 7.0 mm	Ø 9.0 mm	Ø 13.0 mm	Ø 3.55 mm*	Ø 9.4 mm**
Copper wire, tube	(Ø 0.19 in)	(Ø 0.28 in)	(Ø 0.35 in)	(Ø 0.51 in)	(Ø 0.14 in)	(Ø 0.37 in)
Dielectric	Ø 12.1 mm	Ø 17.6 mm	Ø 22.2 mm	Ø 32.2 mm	Ø 9.0 mm	Ø 21.7 mm
Cellular polyethylene	(Ø 0.48 in)	(Ø 0.69 in)	(Ø 0.87 in)	(Ø 1.27 in)	(Ø 0.35 in)	(Ø 0.85 in)
Outer Conductor	Ø 13.6 mm	Ø 19.7 mm	Ø 24.9 mm	Ø 35.8 mm	Ø 11.9 mm	Ø 24.9 mm
Corrugated copper tube	(Ø 0.54 in)	(Ø 0.78 in)	(Ø 0.98 in)	(Ø 1.41 in)	(Ø 0.47 in)	(Ø 0.98 in)
Jacketing BHF (black halogen free	Ø 16.0 mm	Ø 21.9 mm	Ø 27.5 mm	Ø 39.0 mm	Ø 13.5 mm	Ø 27.5 mm
fire retardant)	(Ø 0.63 in)	(Ø 0.86 in)	(Ø 1.08 in)	(Ø 1.54 in)	(Ø 0.53 in)	(Ø 1.08 in)
ELECTRICAL						
CHARACTERISTICS						
Characteristic impedance	$50 \pm 1 \Omega$	$50 \pm 1 \Omega$	$50 \pm 1 \Omega$	$50 \pm 1 \Omega$	$50 \pm 1 \Omega$	$50 \pm 1 \Omega$
Return loss (typical value)	24 dB	24 dB	24 dB	24 dB	24 dB	24 dB
VSWR	(1.13)	(1.13)	(1.13)	(1.13)	(1.13)	(1.13)
Attenuation dB/100m (dB/100ft)						
50 MHz	1.51 (0.46)	1.04 (0.32)	0.82 (0.25)	0.57 (0.17)	2.26 (0.69)	0.89 (0.27)
100 MHz	2.16 (0.66)	1.49 (0.54)	1.17 (0.36)	0.82 (0.25)	3.24 (0.99)	1.27 (0.39)
450 MHz	4.74 (1.44)	3.28 (1.00)	2.57 (0.78)	1.83 (0.56)	7.21 (2.20)	2.83 (0.86)
900 MHz	6.88 (2.10)	4.77 (1.45)	3.74 (1.14)	2.70 (0.82)	10.6 (3.23)	4.15 (1.27)
1800 MHz	10.1 (3.08)	7.02 (2.14)	5.51 (1.68)	4.03 (1.23)	15.7 (4.79)	6.17 (1.88)
2200 MHz	11.3 (3.44)	7.87 (2.40)	6.18 (1.88)	4.54 (1.38)	17.7 (5.39)	6.94 (2.11)
2400 MHz	11.9 (3.63)	8.27 (2.52)	6.49 (1.98)	4.79 (1.46)	18.6 (5.67)	7.30 (2.23)
Velocity factor	0.88	0.88	0.88	0.88	0.88	0.88
Capacitance	76 pF/m	76 pF/m	76 pF/m	76 pF/m	76 pF/m	76 pF/m
	(23 pF/ft)	(23 pF/ft)	(23 pF/ft)	(23 pF/ft)	(23 pF/ft)	(23 pF/ft)
Cut-off frequency	10 000 MHz	6800 MHz	5300 MHz	3700 MHz	12 500 MHz	5300 MHz
Max power rating	5.3/0.66 kW	8.3/1.0 kW	12/1.4 kW	18/2.0 kW	3.5/0.43 kW	10/1.3 kW
(50 MHz/2400 MHz)						
Peak RF voltage rating	1.80 kV	2.50 kV	3.2 kV	4.6 kV	1.39 kV	2.8 kV
Peak power rating	25.9 kW	58 kW	89 kW	194 kW	19.0 kW	84 kW
DC-resistance						
Inner conductor	0.95 Ω/km	1.23 Ω/km	$1.04~\Omega/\mathrm{km}$	$0.64\Omega/\mathrm{km}$	$2.73 \Omega/\mathrm{km}$	2.50 Ω/km
	(0.29 Ω/1000 ft)	$(0.37 \Omega/1000 \text{ ft})$	$(0.32 \Omega/\ 1000 \mathrm{ft})$	(0.20 Ω/ 1000 ft)	$(0.83 \ \Omega / \ 1000 \ \text{ft})$	(0.76 Ω/ 1000 ft)
Outer conductor	1.99 Ω/km	$1.09\Omega/\mathrm{km}$	$1.00 \Omega/\mathrm{km}$	$0.55\Omega/\mathrm{km}$	$4.11~\Omega/km$	$1.05\Omega/\mathrm{km}$
	$(0.61 \Omega/1000 \text{ ft})$	$(0.33 \Omega / 1000 \text{ ft})$	$(0.30 \ \Omega / \ 1000 \ \text{ft})$	$(0.17 \Omega / 1000 \text{ ft})$	$(1.25 \ \Omega / \ 1000 \ \text{ft})$	(0.32 Ω/ 1000 ft)
MECHANICAL						
CHARACTERISTICS						
Weight	350 kg/km	410 kg/km	530 kg/km	940 kg/km	190 kg/km	434 kg/km
	(0.24 lb/ft)	(0.28 lb/ft)	(0.36 lb/ft)	(0.63 lb/ft)	(0.13 lb/ft)	(0.29 lb/ft)
Maximum pulling force	1100 N (250 lb)	1600 N (360 lb)	1800 N (400 lb)	2500 N (560 lb)	500 N (110 lb)	1500 N (337 lb)
Minimum bending radius						
Single bending	80 mm (3 in)	100 mm (4 in)	120 mm (5 in)	200 mm (8 in)	15 mm (0.6 in)	80 mm (3.2 in)
Repeated bending	160 mm (6 in)	200 mm (8 in)	250 mm (10 in)	350 mm (14 in)	30 mm (1.2 in)	110 mm (4.3 in)
Operating temperature range	-40+70 °C	-40+70 °C	-40+70 °C	-40+70 °C	-40+70 °C	-40+70 °C
	(-40+158 °F)	(-40+158 °F)	(-40+158 °F)	(-40+158 °F)	(-40+158 °F)	(-40+158 °F)
Min. installation temperature	-5 ℃	-5 ºC	-5 ºC	-5 ℃	-5 °C	-5 °C
(BHF sheath)	(+23 °F)	(+23 °F)	(+23 °F)	(+23 °F)	(+23 °F)	(+23 °F)
CONNECTOR CODE						
N male	NKC1012300	NKC1058300	NKC1078300	NKC1114300	NKC2012320	NKC1078300
N female	NKC1012400	NKC1058400	NKC1078400	NKC1114400	NKC2012420	NKC1078400
7/16 male	NKC1012100	NKC1058100	NKC1078100	NKC1114100	NKC2012120	NKC1078100
7/16 female	NKC1012200	NKC1058200	NKC1078200	NKC1114200	NKC2012220	NKC1078200
Subject to change without prior notice					*conne	r-clad aluminium wire

Indoor coverage in tunnels and special areas

APPLICATIONS

The coaxial antenna system (CAS) is the most popular way to build indoor coverage network in tunnels. Examples of areas difficult to cover with point source antennas include tunnels, mines, subways, metal-hulled ships, nuclear power plants, trains, airports and special applications such as vertical shafts in tall buildings.



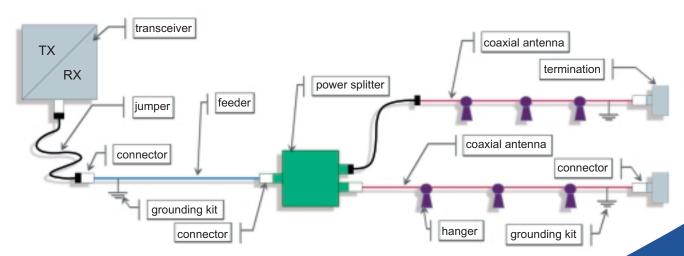
CAS system in a tunnel environment.

CAS SYSTEM

This system, compared to the DAS, means the distributed antennas and some of the feeder cables are replaced with coaxial antennas. Basically, the CAS contains the same components as the DAS system. Only the coaxial antenna and a 50 Ω termination at the end of the antenna line are additional components compared to the DAS.

The design of a coaxial antenna system is well defined. The primary objective in the design of the coaxial antenna system is to provide an adequate signal at all points in the system. The most important system design factors of the coaxial antenna are the longitudinal attenuation and the coupling loss of the coaxial antenna.

To maintain good transmission characteristics, especially with the attenuation, it is very important that cables are installed at least 100 mm away from walls and ceilings. Special hangers have been developed to guarantee this requirement. The slots in the cable do not have to be directed if the cable is installed correctly.



Simplified picture of the CAS system.

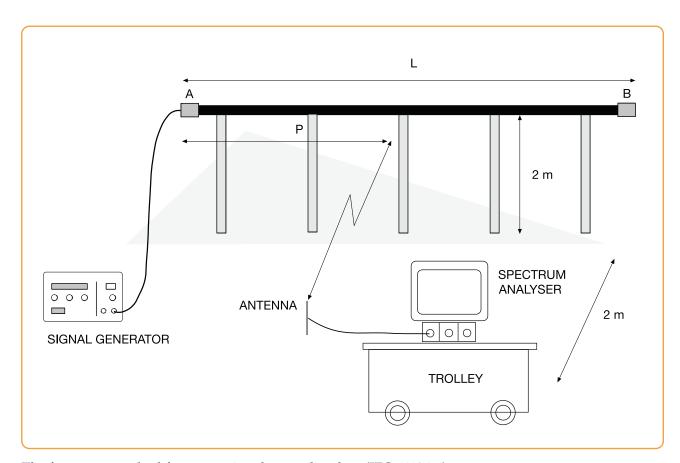
FIRE PERFORMANCE

CAS cables have the same fire performance properties as DAS cables except IEC 60332-3C and UL 1666 are met only with an additional fire barrier

tape between the outer conductor and the sheath. An exception is RFX 1/2" which meets IEC 60332-3C without the barrier tape.

ELECTRICAL PERFORMANCE

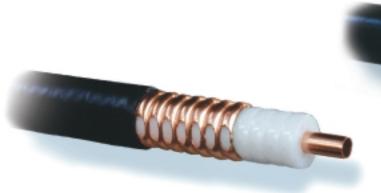
The performance of our RFX cables is measured through an extensive test program. The most important electrical characteristics of the coaxial antennas are the longitudinal attenuation and the coupling loss. Both characteristics are measured along the standard IEC 61196-4 using the free space method.



The free space method for measuring the coupling loss (IEC 61196-4).

PRODUCTS

NK Cables' coaxial antennas include two product families: RFX and RF2X cables for broadband systems in buildings and tunnels and RFXT cables mainly for selected frequencies in tunnels. RFX and RF2X cables are coupled mode cables with a corrugated and milled outer conductor. RFX cables have slots in one line on the outer conductor and RF2X have slots in two lines on the outer conductor. A radiating mode cable RFXT has a slotted overlapped copper tape as the outer conductor. RFFX and RFEX cables are more flexible and are excellent choices for buildings, trains, etc.



RFXT-type coaxial antenna

RFX-type coaxial antenna

RFX or RF2X cables can also be equipped with a suspension wire (RFXK or RF2XK cable). Many colors are available as required.



RFXK-type coaxial antenna



Color choices for coaxial antennas

Properties and performances of the CAS cables

PROPLICTS	RFX 1/2"	BHF	RFX 5/8'	BHF	RFX 7/8"	' BHF	RFX 1 1/	/4" BHF	RFX 1 5/	/8" BHF
PRODUCTS	RF2X 1/2	e" BHF	RF2X 5/8	8" BHF	RF2X 7/8	B" BHF	RF2X 1	1/4" BHF	RF2X 1 5	5/8″ BHF
		Y								
PRODUCT CODE	NKRFX0		NKRFX(NKRFX(NKRFX		NKRFX:	•
RFX/RF2X	NKRF2X	.01202	NKRF2X	.05802	NKRF2X	(07802	NKRF2)	X11402	NKRF2)	K15802
CONSTRUCTION	Ø 4.0		070		Ø 0.0		Ø 12.0		O 17.5	
Inner conductor Copper wire, tube	Ø 4.8 mr		Ø 7.0 mr (Ø 0.28 i		Ø 9.0 mr (Ø 0.35 i		Ø 13.0 n (Ø 0.51 i		Ø 17.5 n (Ø 0.69 i	
Dielectric	Ø 12.1 m		Ø 17.6 m		Ø 22.2 m		Ø 32.2 n		Ø 41.0 n	
Cellular polyethylene	$(\emptyset 0.48 i)$		Ø 17.6 ii (Ø 0.69 i		Ø 22.2 II (Ø 0.87 i:		Ø 32.2 fi		Ø 1.65 i	
Outer Conductor	Ø 13.6 m		Ø 19.7 m		Ø 24.9 m	·	Ø 35.8 n		Ø 46.5 n	
Corrugated copper tube	(Ø 0.54 in		(Ø 0.78 i		(Ø 0.98 i		(Ø 1.41 i		(Ø 1.83 i	
Jacketing BHF	Ø 16.0 m		Ø 21.9 m		Ø 27.5 m		Ø 39.0 n		Ø 50.0 n	
(black halogen free fire retardant)	(Ø 0.63 i		(Ø 0.86 i		(Ø1.08 ir		(Ø 1.54 i		(Ø 1.97 i	
ELECTRICAL	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-/	(10 110 1	/	(,0 -1,71	/
CHARACTERISTICS										
Characteristic impedance	$50 \pm 2 \Omega$		$50 \pm 2 \Omega$		$50 \pm 2 \Omega$		$50 \pm 2 \Omega$		$50 \pm 2 \Omega$	
Return loss (typical value)	18 dB		18 dB		18 dB		18 dB		18 dB	
Attenuation measured according to IEC 6119	96-4 free									
space method dB/100m (dB/100 ft)										
RFX/RF2X										
75 MHz	2.1/2.2	(0.64/0.67)	1.5/1.6	(0.46/0.49)	1.3/1.4	(0.40/0.43)	1.0/1.1	(0.30/0.34)	0.6/0.8	(0.18/0.24)
150 MHz	3.1/3.2	(0.94/0.98)	2.2/2.3	(0.67/0.70)	1.7/1.8	(0.52/0.55)	1.3/1.4	(0.40/0.43)	1.0/1.1	(0.30/0.34)
450 MHz	5.4/5.5	(1.65/1.68)	3.8/3.9	(1.16/1.19)	2.9/3.1	(0.88/0.94)	2.2/2.5	(0.67/0.76)	1.8/1.9	(0.55/0.58)
900 MHz	7.9/8.2	(2.41/2.50)	5.5/5.6	(1.68/1.71)	4.2/4.6	(1.28/1.40)	3.2/3.8	(0.98/1.16)	2.7/2.9	(0.82/0.88)
1800 MHz	11.7/12.2	2 (3.57/3.72)	8.2/8.3	(2.50/2.53)	6.2/7.0	(1.89/2.13)	4.9/6.4	(1.49/1.95)	4.2/4.9	(1.28/1.49)
2200 MHz	13.1/13.7	7 (3.99/4.18)	9.3/9.5	(2.83/2.90)	7.0/7.9	(2.13/2.41)	5.6/7.4	(1.71/2.26)	4.8/6.0	(1.46/1.83)
2400 MHz	14.2/14.5	7 (4.33/4.48)	10.0/10.2	2 (3.05-3.11)	7.5/8.5	(2.29/2.59)	6.2/8.0	(1.89/2.44)	5.4/6.4	(1.65/1.95)
Coupling loss measured according										
to IEC 61196-4 free space method (dB)										
RFX/RF2X	50%	95%	50%	95%	50%	95%	50%	95%	50%	95%
75 MHz	65/62	77/74	66/62	78/74	68/61	78/69	65/60	77/69	74/64	84/75
150 MHz	69/66	81/78	67/66	80/78	69/68	80/79	69/64	78/76	71/64	82/78
450 MHz	72/69	82/80	69/68	81/80	70/68	82/80	68/63	79/74	68/63	79/74
900 MHz	72/69	84/79	71/69	83/79	70/67	82/79	69/66	81/78	75/69	87/79
1800 MHz	76/73	88/86	76/72	88/84	76/71	87/82	75/67	86/81	77/71	89/82
2200 MHz	79/76	90/88	74/72	86/83	75/73	86/84	74/71	85/83	78/72	89/85
2400 MHz	76/71	88/81	68/66	78/77	72/70	83/81	72/66	83/79	78/65	89/76
Velocity factor	0.88		0.88		0.88		0.88		0.88	
Capacitance		(23 pF/ft)		(23 pF/ft)	-	(23 pF/ft)		n (23 pF/ft)		n (23 pF/ft)
Cut-off frequency	10 000 M		6800 MF		5300 MH		3700 MF		2800 MF	
Max power rating	5.3/0.66	kW	8.3/1.0 k	:W	12/1.4 k	W	18/2.0 k	:W	25/2.7 k	:W
(50 MHz/2400 MHz)	4.00.117		2 50 1 17		0.0177		4 < 1 7 7		F < 137	
Peak RF voltage rating	1.80 kV		2.50 kV		3.2 kV		4.6 kV		5.6 kV	
Peak power rating	25.9 kW	(0.20)	58 kW	(0.27)	89 kW	(0.22)	194 kW	(0.20)	313 kW	(0.00)
DC-resistance inner conductor Ω/km ($\Omega/1000\text{ft}$)	0.95	(0.29)	1.23	(0.37)	1.04	(0.32)	0.64	(0.20)	0.73	(0.22)
DC-resistance outer conductor $\Omega/\text{km} (\Omega/1000\text{ft})$	2.04	(0.62)	1.14	(0.35)	1.05	(0.32)	0.60	(0.18)	0.35	(0.11)
MECHANICAL CHARACTERISTICS										
Weight	350 kg/L	cm (0.24 lb/ft)	410 kg/l	cm (0.28 lb/ft)	530 kg/l	km (0.36 lb/ft)	940 kg/1	km (0.63 lb/ft)	1450 kg	/km (0.97 lb/f
Maximum pulling force	1100 N	(250 lb)	1600 N	(360 lb)	1800 N	(400 lb)		(560 lb)	Ü	(670 lb)
Minimum bending radius Single bending	125 mm		175 mm		250 mm		380 mm		510 mm	
	-40+70 ^c		-40+70 ^s		-40+70 ⁹		-40+70		-40+70	
Operating temperature range	-4U+/U·				(-40+15		(-40+1		(-40+1	
Operating temperature range	(-40+15	58 ºF)	(-40+15)	08 °F)				,		*
			(-40+15		-5 ºC			(+23 ºF)	-5 °C	(+23 ºF)
Operating temperature range Min. installation temperature (BHF sheath) CONNECTOR CODE	(-40+15	58 °F) (+23 °F)	(-40+15 -5 °C	(+23 °F)		(+23 °F)	-5 °C	(+23 °F)	-5 ºC	(+23 °F)
Min. installation temperature (BHF sheath) CONNECTOR CODE	(-40+15 -5 ℃	(+23 °F)		(+23 °F)	-5 ºC	(+23 °F)	-5 ºC			
Min. installation temperature (BHF sheath)	(-40+15	(+23 °F)	-5 ºC	(+23 °F) 8300		(+23 °F)		4300	-5 ℃ NKC115 NKC115	8300
Min. installation temperature (BHF sheath) CONNECTOR CODE N male	(-40+15 -5 °C	(+23 °F) 2300 2400	-5 °C NKC105	(+23 °F) 8300 8400	-5 ℃ NKC107	(+23 °F) 8300 8400	-5 ℃ NKC111	4300 4400	NKC115	8300 8400

11

NK CABLES

Comparison of the DAS and CAS systems

Property	DAS	CAS
Applications	Buildings in general, factory halls, car	Tunnels, mines, subways, metal-hulled
	park areas, landscaped offices and	ships, nuclear power plants, trains,
	reception halls	airports and special areas
Implementation	Antennas needed for coverage area,	Coaxial antennas and more cable
	alignment of antennas needed, quick	accessories needed, doesn't need
	and easy cable installation	alignment, cable installation slower
Antenna type	Distributed antenna	Coaxial antenna
Frequency response	Antenna limits usage of frequencies	Broadband capability
Field intensity	Good near antenna, weakening with	Uniform along the cable
	distance	
Visibility	Increased	Usually decreased
Addition of new	Usually needs new antennas	Easy to add without extra coaxial
frequencies later		antenna

Jumpers

The jumpers are typically used to connect the feeder cable or the coaxial antenna to the transceiver. Also, in difficult lead-ins through the building structure etc. jumpers are used because of their flexibility compared to the ordinary feeder cable or coaxial antenna. Jumpers are based on our high quality superflexible RFF ¹/₂" cable and soldered inner and outer conductors.

The jumpers are available with 7/16-or N-type straight or angle connectors. The external waterproof seal is achieved with injection molded plastic at the rear of the connector. Our jumpers have low intermodulation characteristics and all the jumpers are tested in production. For indoor applications fire retardant and UL approved jumpers are available.



A jumber cable for DAS and CAS systems.

More detailed information including NK-codes for the jumpers is presented in our NK Cables Antenna Line Products (ALP) catalog.

Accessories

In DAS and CAS systems, many kinds of accessories are required. The components of the indoor system are connected to each other with cable specific connectors. Also, one grounding kit per cable line should be used in indoor systems, especially when long coaxial antenna lines are being installed. During installation, cable specific nonmetallic hangers are used.

The transmitted signal is divided into the branches of the system with power splitters, taps or directional couplers. The coaxial antenna lines are usually terminated with matched terminations. In applications where exceptionally long cable runs are installed, bi-directional amplifiers may also be needed. In addition, multi-frequency couplers/filters are needed in systems where different operating frequencies are connected to the same coaxial antenna. In the DAS system different kind of antennas are used. These modules are not dealt with in this catalog, as they depend on each indoor coverage system and are therefore selected case-by-case. If these kind of components are required, please contact our marketing or technical personnel.

CONNECTORS

- For feeders and coaxial antennas NK Cables offers "one-piece" connectors that feature two different solutions each ensuring weatherproof connection: O-ring technology and shrink sleeve.
- O-ring: These connectors employ precision O-rings to provide the primary weatherproof seal for the cable/connector interface.
 A secondary heat shrink sleeve is recommended in humid installation
- environments. This is used with feeder and corrugated coaxial antenna cables (RFX-type).
- For RFXT cables the sealing is made with heat shrink sleeves. These connectors utilize a heat activated shrink sleeve that has been coated with an adhesive on the inside to provide the primary weatherproof sealing for the connector. This is used with coaxial antenna cables with a smooth outer conductor (RFXT-type).



Connectors for RF/RFX cable and for RFXT cable

TOOLS FOR CONNECTORS

Factory designed cable preparation tools provide a number of assembly advantages. The required assembly time is substantially reduced leading to a considerable reduction in assembly costs.

By eliminating deviations in dimensions the cutting tools will guarantee consistent assembly quality during cable preparation.



GROUNDING KITS

The function of the grounding kit is to earth the indoor system, so that no damage through electrical shocks can occur. Easy and rapid installation, waterproofness per IP 68, large contact surface and reusability are the main characteristics of the grounding kits.



COAXIAL ANTENNA HANGERS

NK Cables offers several types of non-metallic hangers for coaxial antennas. The hanger type and the attachment method depend on the location of the installation. NK Cables can supply all components needed for installation, including full instructions. The coaxial antenna hangers are made of plastic to ensure proper functioning of the coaxial antenna. However, it is recommended that every tenth hanger in a coaxial antenna line is metallic or has a metallic lock to keep the cable securely in place in the event of fire conditions.

In many situations the coaxial antenna could be installed with standard cable ties, e.g., when mounting to the cable ladder behind a false ceiling. Care should always be taken so that metallic parts or other cables do not hide the

cable, and the correct distance from the wall or ceiling is maintained.

There are two kinds of non-metallic self-locking hangers that NK Cables recommends for the installation of coaxial antennas. The first choice is the clic clamp. The clic clamp is the recommended cable hanger in building installations. Another choice is the rac clamp (clamp for radiating cables) when more rigid installation is needed. This clamp is an ideal cable hanger for places where the cable is affected by air pressure or some other bending force caused by a metro or train moving near the cable. It is recommended for underground installation. The rac clamp and the clic clamp have many clamp fixing methods and spacers available.



Rac and clic clamps for coaxial antennas

Coaxial antenna with a suspension wire (RFXK-type) needs a special installation hanger. This hanger has a metallic clutch that is tightened around the suspension

wire. The clutch is then attached to the wall or ceiling. This hanger also has many attachment possibilities.



A hanger for RFXK-type coaxial antenna

POWER SPLITTERS, TAPS, DIRECTIONAL COUPLERS

Usually indoor coverage systems should cover more than one tunnel, one corridor or one floor of the building. To expand the coverage, splitters, taps or directional couplers are used to divide RF-power into various branches, or

combine signals into a common port. For the signal distribution within larger buildings with many coaxial antenna branches, it is usually necessary to design an indoor network with similar signal levels on all floors.



A splitter and a coupler for DAS and CAS systems

TERMINATIONS

The coaxial antenna line should be terminated with a $50\,\Omega$ RF-load in order to prevent unwanted reflections from the open end of the cable. Usually, only 2-10 watt terminations are required because the transmitter power level is rather low in indoor coverage systems.

Another option is to use a normal antenna at the end of the coaxial antenna line when extra coverage at the end of the coaxial antenna is required. In this instance, there would be no need for a load termination.



A termination for CAS system

AMPLIFIERS, COMBINERS AND FILTERS

Where, appropriate a bi-directional amplifier can overcome attenuation loss in coaxial antennas and improve RF signal levels in RF distribution systems where long coaxial antenna cable lines are used. Also, multi-frequency couplers/filters are needed in systems

where different operating frequencies are connected to the same coaxial antenna. These modules are not dealt with in this catalog. The components are dependent on each particular indoor coverage system and are selected on a case-specific basis.

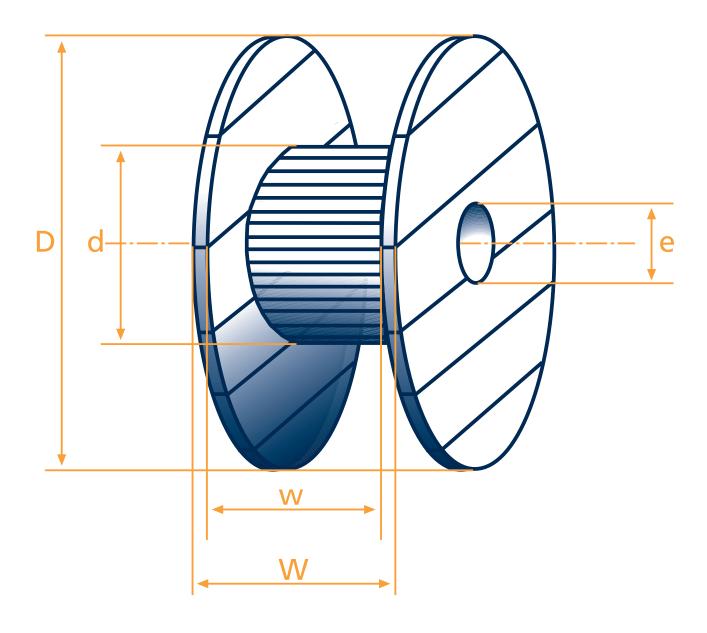
WOODEN CABLE DRUMS

The drums are made of planed barkless boards. The standard drum sizes used for different cable types are specified below. Special non-standard drums can be supplied on request. Also impregnation is available on request.

HANDLING AND TRANSPORT

Handling instructions are attached on each drum. The reeling direction of the cable is indicated by an arrow. For transportation and storage the cable is protected by using wooden (19 mm) lagging nailed on the outer rim of the flanges. Plastic cover is placed on the drum under the cable and also over the outer layer of the cable beneath the lagging. Cable ends are sealed with a shrinkable plastic tube.

For detailed instructions for the handling of drums please see our multi-lingual booklet "The right way to transport and move drums" (in English, Spanish, Portuguese, French, Russian, Chinese, Arabic, and Finnish).



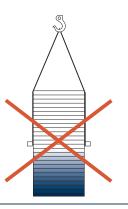
HANDLING INSTRUCTIONS FOR TRANSPORTION

Only lift with bar through

center.





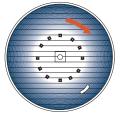




When handling with forklift; keep upright.



Keep uppright, do not lay flat.



Roll according to arrow.

STANDA	RD DRUMS	FOR RFX,R	FXK AND R	FXT -CAB	LES
Cable	Standard	Maximum	Oute	r Drum	Ou

REX 1/2" P11D 400-600 (1312-1968) 114 (45) 70 (28) 55 (22) 48 (19) 82 (3,2) 65 (144) 0,190 (0,128) 141-179 (312-395) 0,71 (25,24) 42 REFX 1/2" P11D 400-600 (1312-1968) 114 (45) 70 (28) 55 (22) 48 (19) 82 (3,2) 65 (144) 0,190 (0,128) 141-179 (312-395) 0,71 (25,24) 42 REFX 1/2" P11D 400-600 (1312-1968) 114 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,410 (0,276) 292-374 (644-825) 1,53 (54,19) 12 REFX 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,430 (0,235) 0,356 (3,340-446 (750-983) 1,53 (54,19) 12 REFX 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,430 (0,235) 0,356 (3,340-446 (750-983) 1,53 (54,19) 12 REFX 1/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 0,940 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 REFX 1/4" P21G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 64 (25) 82 (3,2) 202 (445) 0,940 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 REFX 1/4" P21G 400-600 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 0,940 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 REFX 1/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,450 (0,975) 492-782 (1085-1724) 3,39 (119,68) 7 REFX 1/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,450 (0,975) 492-782 (1085-1724) 3,39 (119,68) 7 REFX 1/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,450 (0,975) 492-782 (1085-1724) 3,39 (119,68) 7 REFX 1/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,450 (0,975) 492-782 (1085-1724) 3,39 (119,68) 7 REFX 1/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (Cable	Standa	rd Maxin	num	Out	er	Dru	ım	Out	er	Inne	er	Sha	ıft	Dru	m	Cable	!	Total		Drui	m	Drums	Drums
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REFX 1/2" P1ID 400-600 (1312-1968) 114 (45) 70 (28) 55 (22) 48 (19) 82 (3,2) 65 (114) 0,190 (0,128) 141-179 (312-395) 0,71 (25,24) 42 REX 5/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,410 (0,276) 292-374 (644-825) 1,53 (54,19) 12 REX 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,530 (0,556) 340-446 (750-963) 1,53 (54,19) 12 REX 17/4" P21G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,434 (0,292) 302-388 (665-856) 1,53 (54,19) 12 REX 15/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,445 (0,940 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 REX 15/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,720 (0,484) 416-560 (917-1235) 1,53 (54,19) 12 REXK 17/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 128 (282) 0,720 (0,484) 416-560 (917-1235) 1,53 (54,19) 12 REXK 15/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,720 (0,484) 416-560 (917-1235) 1,53 (54,19) 12 REX 15/8" P19G 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 20 (445) 1,700 (1,143) 34-882 (1195-1944) 3,39 (119,68) 7 REXT 15/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,750 (0,504) 535-885 (1179-1510) 3,39 (140,88) 6 REX 11/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 REX 11/4" P19Q 400-600 (1311-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 25 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 REX 11/4" P19Q 400-600 (1311-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 25 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 REX 15/8" P19Q 400-600 (1311-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 25 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 REX 15/8" P19Q 400-600 (1311-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 25 (518) 0,940 (0,632) 611-799			m	(ft)	cm	(in)	cm	(in)	cm	(in)	cm	(in)	mm	n (1n)	kg	(lb)	kg/m	(lb/ft)	kg	(lb)	m3	(cu.ft)	20 container	40° containe:
RFEX 1/2" P1ID 400-600 (1312-1968) 114 (45) 70 (28) 55 (22) 48 (19) 82 (3.2) 65 (114) 0,190 (0,128) 141-179 (312-395) 0,71 (25,24) 42 RFX 5/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0,410 (0,276) 292-374 (644-825) 1,53 (54,19) 12 RFX 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0,530 (0,556) 340-446 (750-983) 1,53 (54,19) 12 RFX 17/4" P21G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0,434 (0,292) 302-388 (665-856) 1,53 (54,19) 12 RFX 15/8" P14G 400-700 (1312-297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 128 (282) 0,445 (0,940 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 RFX 15/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0,530 (0,586) 340-446 (750-983) 1,53 (54,19) 12 RFX 15/8" P14G 400-700 (1312-297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 128 (282) 0,720 (0,484) 416-560 (917-1235) 1,53 (54,19) 12 RFX 15/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 64 (25) 82 (3.2) 128 (282) 0,720 (0,484) 416-560 (917-1235) 1,53 (54,19) 12 RFX 15/8" P19G 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,470 (0,510) 535-885 (1195-11510) 3,39 (110,68) 6 RFX 17/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,532) 535-885 (1179-1510) 3,39 (140,88) 6 RFX 11/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,532) 535-885 (1179-1510) 3,99 (140,88) 6 RFX 11/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,532) 51-1280 (1653-2822) 571 (201,69) 4 RFX 15/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,532) 51-1280 (1653-2822) 571 (201,69) 4 RFX 15/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 256 (518) 0,940 (0,532) 51-1280 (1653-2822) 571 (201,69) 4 RFX 15/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 256 (518) 0,940 (0,532) 51-1280 (DEV 1 /2"	P11D	400-600	(1312-19689)	114	(45)	70	(28)	55	(22)	48	(19)	82	(3.2)	65	(144)	0.350	(0.235)	205-275	(453-607)	0.71	(25.24)	42	84
RFX 5/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0.430 (0.356) 340-446 (750-983) 1,53 (54,19) 12 RFX 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0.530 (0.356) 340-446 (750-983) 1,53 (54,19) 12 RFX 11/4" P21G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0.434 (0.292) 302-388 (665-856) 1,53 (54,19) 12 RFX 11/4" P1G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 64 (25) 82 (3.2) 202 (445) 1,450 (0.632) 578-860 (1274-1896) 3,39 (119,68) 7 RFX 15/8" P1G 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 202 (445) 1,450 (0.632) 578-860 (1274-1896) 3,39 (119,68) 7 RFX 1 1/4" P21G 400-700 (1312-297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 202 (445) 1,450 (0.807) 682-1042 (1504-2297) 3,39 (119,68) 7 RFX 1 5/8" P1G 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 202 (445) 1,450 (0.807) 682-1042 (1504-2297) 3,39 (119,68) 7 RFX 1 5/8" P1G 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 202 (445) 1,450 (0.807) 682-1042 (1504-2297) 3,39 (119,68) 7 RFX 7 7/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,70 (0.316) 423-517 (933-1140) 3,39 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,910 (0.612) 599-781 (1321-1722) 3,39 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,910 (0.612) 599-781 (1321-1720) 3,99 (140,88) 6 RFX 1 1/4" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 25 (518) 0,940 (0.632) 511-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 25 (518) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 1/4" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 25 (518) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 25 (518) 1,450 (0.975) 525-815	·																							84
RFX 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,530 (0,356) 340-446 (750-983) 1,53 (54,19) 12 RFX 11/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 0,940 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 RFX 11/4" P21G 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,450 (0,975) 492-782 (1085-1724) 3,39 (119,68) 7 RFX 11/4" P21G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,740 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 RFX 11/4" P21G 400-600 (1312-1968) 144 (57) 80 (35) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,740 (0,684) 416-560 (917-1235) 1,53 (54,19) 12 RFX 11/4" P21G 400-600 (1312-1968) 144 (57) 80 (35) 74 (29) 61 (24) 82 (3,2) 202 (445) 1,450 (0,807) 682-1042 (1504-2297) 3,39 (119,68) 7 RFX 15/8" P21G 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,450 (0,807) 682-1042 (1504-2297) 3,39 (119,68) 7 RFX 15/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,470 (0,316) 422-517 (933-1140) 3,39 (140,88) 6 RFX 11/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 RFX 11/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 RFX 11/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,632) 611-99 (1347-1761) 3,99 (140,88) 6 RFX 11/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-99 (1347-1761) 3,99 (140,88) 6 RFX 15/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-99 (1347-1761) 3,99 (140,88) 6 RFX 15/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-99 (1347-1761) 3,99 (140,88) 6 RFX 15/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-	·			, ,		, ,														, ,	-			24
RFEX 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3.2) 128 (282) 0,434 (0,292) 302-388 (665-856) 1,53 (54,19) 12 RFX 1 1/4" P21G 400-700 (1312-2297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 202 (445) 0,940 (0,632) 578-860 (1274-1896) 3,39 (119,68) 7 RFX 1 5/8" P21G 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3.2) 128 (282) 0,720 (0,484) 416-560 (917-1235) 1,53 (54,19) 12 RFX 1 1/4" P21G 400-700 (1312-1968) 144 (57) 80 (32) 74 (29) 64 (25) 82 (3.2) 128 (282) 0,720 (0,484) 416-560 (917-1235) 1,53 (54,19) 12 RFX 1 1/4" P21G 400-700 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,750 (0,544) 355-685 (1179-1510) 3,39 (140,88) 6 RFX T 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 579-810 (1653-2822) 5,71 (201,69) 4 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX T 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235 (518) 1,450 (0,975) 1255-815 (1157-1797) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3.2) 235	·			,													, i			,				24
RFX 1 1 / 4" P21G	, -	P14G	400-600	(1312-1968)	144	(57)	80	(32)	74	(29)	61	(24)	82	(3,2)	128	(282)	0,434	(0,292)	302-388	(665-856)			12	24
REX.T. 15/8" P2IG 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,450 (0,975) 492-782 (1085-1724) 3,39 (119,68) 7 REX.K. 7/8" P14G 400-600 (1312-1968) 144 (57) 80 (32) 74 (29) 61 (24) 82 (3,2) 128 (282) 0,720 (0,844) 416-560 (917-1235) 1,53 (54,19) 12 REX.K. 1.1/4" P2IG 400-700 (1312-297) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,200 (0,807) 682-1042 (1504-2297) 3,39 (119,68) 7 REX.K. 1.5/8" P2IG 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,700 (1,143) 542-882 (1195-1944) 3,39 (119,68) 7 REX.T. 5/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,470 (0,316) 423-517 (933-1140) 3,39 (140,88) 6 REX.T. 1.1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 REX.T. 1.1/4" P19Q 400-600 (1311-968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 REX.T. 1.1/4" P19Q 400-600 (1311-968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 REX.T. 1.1/4" P19Q 400-600 (1311-968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 REX.T. 1.1/4" P19Q 400-600 (1311-968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0,632) 611-799 (1347-1761) 3,99 (140,88) 6 REX.T. 1.5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,450 (0,975) 525-815 (1157-1797) 3,99 (140,88) 6 REX.T. 1.5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,450 (0,975) 1120-1190 (2469-4387) 6.29 (222,20) 2 REX.K. 1.1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,450 (0,975) 1120-1190 (2469-4387) 6.29 (222,20) 2 REX.K. 1.1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0,807) 715-955 (1576-2105) 3,99 (140,88) 6 REX.K. 1.1/4" P19Q 400-600 (1312-19	RFX 1 1/4"	P21G	400-700	(1312-2297)	214	(84)	130	(51)	74	(29)	64	(25)							578-860	(1274-1896)	3,39	(119,68)	7	16
REXK 1 1/4" P21G	RFX 15/8"	P21G	200-400	(656-1312)	214	(84)	130	(51)	74	(29)	64	(25)	82	(3,2)	202	(445)	1,450	(0,975)	492-782	(1085-1724)	3,39	(119,68)	7	16
RFXK 15/8" P21G 200-400 (656-1312) 214 (84) 130 (51) 74 (29) 64 (25) 82 (3,2) 202 (445) 1,700 (1,143) 542-882 (1195-1944) 3,39 (119,68) 7 RFXT 5/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,470 (0,316) 423-517 (933-1140) 3,39 (140,88) 6 RFXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,750 (0,504) 535-685 (1179-1510) 3,39 (140,88) 6 RFXT 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 RFXT 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 RFX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P22U 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 250 (551) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFX 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42	RFXK 7/8"	P14G	400-600	(1312-1968)	144	(57)	80	(32)	74	(29)	61	(24)	82	(3,2)	128	(282)	0,720	(0,484)	416-560	(917-1235)	1,53	(54,19)	12	24
REXT 5/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,470 (0,316) 423-517 (933-1140) 3,39 (140,88) 6 REXT 7/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,750 (0,504) 535-685 (1179-1510) 3,39 (140,88) 6 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 REXT 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 REX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 REX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 REX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 REX 1 1/4" P19Q 400-600 (156-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 REX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0,975) 525-815 (1157-1797) 3,99 (140,88) 6 REX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0,975) 1120-1990 (2469-4387) 6,29 (222,20) 2 REX 1 5/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0,975) 1120-1990 (2469-4387) 6,29 (222,20) 2 REX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 REX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 REX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 REX 1 1/4" P19Q 400-600 (1512-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82	RFXK 1 1/4"	P21G	400-700	(1312-2297)	214	(84)	130	(51)	74	(29)	64	(25)	82	(3,2)	202	(445)	1,200	(0,807)	682-1042	(1504-2297)	3,39	(119,68)	7	16
REXT 7/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,750 (0,504) 535-685 (1179-1510) 3,39 (140,88) 6 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 REXT 7/8" P22Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,530 (0.356) 750-1280 (1653-2822) 5,71 (201,69) 4 REXT 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 REXT 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 REXT 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 REXT 1 5/8" P19Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 REXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 REXT 1 1/4" P19Q 400-600 (656-1312) 194 (76)	RFXK 1 5/8"	P21G	200-400	(656-1312)	214	(84)	130	(51)	74	(29)	64	(25)	82	(3,2)	202	(445)	1,700	(1,143)	542-882	(1195-1944)	3,39	(119,68)	7	16
RFXT 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,910 (0,612) 599-781 (1321-1722) 3,39 (140,88) 6 SPECIAL DRUMS FOR RFX AND RFXT -CABLES RFX 7/8" P22Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,530 (0.356) 750-1280 (1653-2822) 5,71 (201,69) 4 RFX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 RFX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFX 1 5/8" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFX 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6	RFXT 5/8"	P19Q	400-600	(1312-1968)	194	(76)	130	(51)	106	(42)	99	(39)	82	(3,2)	235	(518)	0,470	(0,316)	423-517	(933-1140)	3,39	(140,88)	6	12
SPECIAL DRUMS FOR RFX AND RFXT -CABLES RFX 7/8" P22Q 1000 -2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,530 (0.356) 750-1280 (1653-2822) 5,71 (201,69) 4 RFX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 RFX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFXK 7/8" P22Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 235 (518) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFXK 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P19Q 400-600 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P19Q 400-600 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P19Q 400-600 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6	RFXT 7/8"	P19Q	400-600	(1312-1968)	194	(76)	130	(51)	106	(42)	99	(39)	82	(3,2)	235	(518)	0,750	(0,504)	535-685	(1179-1510)	3,39	(140,88)	6	12
RFX 7/8" P2Q 1000 -2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,530 (0.356) 750-1280 (1653-2822) 5,71 (201,69) 4 RFX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 RFX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 120-1990 (2469-4387) 6,29 (222,20) 2 RFX K 7/8" P2Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,720 (0,484) 940-1660 (2072-3660) 5,71 (201,69) 4 RFX K 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6	RFXT 1 1/4"	P19Q	400-600	(1312-1968)	194	(76)	130	(51)	106	(42)	99	(39)	82	(3,2)	235	(518)	0,910	(0,612)	599-781	(1321-1722)	3,39	(140,88)	6	12
RFX 7/8" P2Q 1000 -2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,530 (0.356) 750-1280 (1653-2822) 5,71 (201,69) 4 RFX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 RFX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 120-1990 (2469-4387) 6,29 (222,20) 2 RFX K 7/8" P2Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,720 (0,484) 940-1660 (2072-3660) 5,71 (201,69) 4 RFX K 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFX K 1 1/4" P2U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6																								
RFX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 RFX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFXK 7/8" P22Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,720 (0,484) 940-1660 (2072-3660) 5,71 (201,69) 4 RFXK 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,700 (1,143) 575-915 (1268-2017) 3,99 (140,88) 6	SPECIAL DE	RUMS I	FOR RFX	AND RFXT	-CA	BLE	S																	
RFX 1 1/4" P19Q 400-600 (131-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 0,940 (0.632) 611-799 (1347-1761) 3,99 (140,88) 6 RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 RFX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 RFX 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFXK 7/8" P22Q 1000-2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,720 (0,484) 940-1660 (2072-3660) 5,71 (201,69) 4 RFXK 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,700 (1,143) 575-915 (1268-2017) 3,99 (140,88) 6	RFX 7/8"	P22Q	1000 -2000	(3281-6562)	220	(87)	96	(38)	118	(46)	96	(38)	82	(3,2)	220	(485)	0,530	(0.356)	750-1280	(1653-2822)	5,71	(201,69)	4	9
RFX 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 0,940 (0.632) 814-1378 (1795-3038) 6,29 (222,20) 2 (RFX 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,450 (0.975) 525-815 (1157-1797) 3,99 (140,88) 6 (87) 106 (42) 106	RFX 1 1/4"																		611-799	(1347-1761)	3,99	(140,88)	6	12
RFX 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,450 (0.975) 1120-1990 (2469-4387) 6,29 (222,20) 2 RFXK 7/8" P22Q 1000 -2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,720 (0,484) 940-1660 (2072-3660) 5,71 (201,69) 4 RFXK 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 RFXK 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,700 (1,143) 575-915 (1268-2017) 3,99 (140,88) 6	RFX 1 1/4"	P22U	600-1200	(1968-3937)	220	(87)	110	(43)	130	(51)	120	(47)	82	(3,2)	250	(551)	0,940	(0.632)	814-1378	(1795-3038)	6,29	(222,20)	2	5
RFXK 7/8" P22Q 1000 -2000 (3281-6562) 220 (87) 96 (38) 118 (46) 96 (38) 82 (3,2) 220 (485) 0,720 (0,484) 940-1660 (2072-3660) 5,71 (201,69) 4 RFXK 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 RFXK 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,700 (1,143) 575-915 (1268-2017) 3,99 (140,88) 6	RFX 1 5/8"	P19Q	200-400	(656-1312)	194	(76)	130	(51)	106	(42)	99	(39)	82	(3,2)	235	(518)	1,450	(0.975)	525-815	(1157-1797)	3,99	(140,88)	6	12
RFXK 1 1/4" P19Q 400-600 (1312-1968) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,200 (0.807) 715-955 (1576-2105) 3,99 (140,88) 6 RFXK 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 106 (42) 99 (39) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 RFXK 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,700 (1,143) 575-915 (1268-2017) 3,99 (140,88) 6	RFX 1 5/8"	P22U	600-1200	(1968-3937)	220	(87)	110	(43)	130	(51)	120	(47)	82	(3,2)	250	(551)	1,450	(0.975)	1120-1990	(2469-4387)	6,29	(222,20)	2	5
RFXK 1 1/4" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,200 (0.807) 970-1690 (2138-3726) 6,29 (222,20) 2 RFXK 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,700 (1,143) 575-915 (1268-2017) 3,99 (140,88) 6	RFXK 7/8"	P22Q	1000 -2000	(3281-6562)	220	(87)	96	(38)	118	(46)	96	(38)	82	(3,2)	220	(485)	0,720	(0,484)	940-1660	(2072-3660)	5,71	(201,69)	4	9
RFXK 1 5/8" P19Q 200-400 (656-1312) 194 (76) 130 (51) 106 (42) 99 (39) 82 (3,2) 235 (518) 1,700 (1,143) 575-915 (1268-2017) 3,99 (140,88) 6	RFXK 1 1/4"	P19Q	400-600	(1312-1968)	194	(76)	130	(51)	106	(42)	99	(39)	82	(3,2)	235	(518)	1,200	(0.807)	715-955	(1576-2105)	3,99	(140,88)	6	12
	RFXK 1 1/4"	P22U	600-1200	(1968-3937)	220	(87)	110	(43)	130	(51)	120	(47)	82	(3,2)	250	(551)	1,200	(0.807)	970-1690	(2138-3726)	6,29	(222,20)	2	5
RFXK 1 5/8" P22U 600-1200 (1968-3937) 220 (87) 110 (43) 130 (51) 120 (47) 82 (3,2) 250 (551) 1,700 (1,143) 1270-2290 (2800-5049) 6,29 (222,20) 2	RFXK 1 5/8"	P19Q	200-400	(656-1312)	194	(76)	130	(51)	106	(42)	99	(39)	82	(3,2)	235	(518)	1,700	(1,143)	575-915	(1268-2017)	3,99	(140,88)	6	12
	RFXK 1 5/8"	P22U	600-1200	(1968-3937)	220	(87)	110	(43)	130	(51)	120	(47)	82	(3,2)	250	(551)	1,700	(1,143)	1270-2290	(2800-5049)	6,29	(222,20)	2	5

NK CABLES

Codes

Product

NK code

NKA1001 NKA1002	Cutting tool for RF 1/2" cable Cutting tool for RF 5/8" cable	NKC1012100	Connector 7-16 male for RF 1/2", O-ring
NKA1003	Cutting tool for RF 7/8" and RFE 7/8" cable	NKC1012200	Connector 7-16 female for RF 1/2", O-ring
NKA1004	Cutting tool for RF 1 1/4"	NKC1012300	Connector N male for RF 1/2", O-ring
NKA1005	Cutting tool for RF 1 5/8" cable	NKC1012400	Connector N female for RF 1/2", O-ring
NKA1009 NKA1010	Cutting tool for RFF 1/2" cable Cutting tool for RFXT 5/8"	NKC1012500	Connector 7-16 right angle male for RF 1/2", O-ring
NKA1011	cable Cutting tool for RFXT 7/8"	NKC1012600	Connector 7-16 right angle female for RF 1/2", O-ring
NKA1011	cable Cutting tool for RFXT 1 1/4"	NKC1058100	Connector 7-16 male for RF 5/8", O-ring
NKATOTZ	cable	NKC1058200	Connector 7-16 female for RF 5/8", O-ring
NKA12012	Drill mounted cutting tool for RF 1/2" cable	NKC1058300	Connector N male for RF 5/8", O-ring
NKA12058	Drill mounted cutting tool for RF 5/8" cable	NKC1058400	Connector N female for RF 5/8", O-ring
NKA12078	Drill mounted cutting tool for RF 7/8" cable	NKC1078100	Connector 7-16 male for RF 7/8"/RFE 7/8", O-ring
NKA12114	Drill mounted cutting tool for RF 1 1/4" cable	NKC1078200	Connector 7-16 female for RF 7/8"/RFE 7/8", O-ring
NKA12158	Drill mounted cutting tool for RF 1 5/8" cable	NKC1078300	Connector N male for RF 7/8"/RFE 7/8", O-ring
NKA22012	Drill mounted cutting tool for RFF 1/2" cable	NKC1078400	Connector N female for RF 7/8"/RFE 7/8", O-ring
NKA13000	Replacement blade for	NKC1078500	Connector 7-16 right angle male for RF 7/8"/RFE 7/8",
	NKA1001-NKA1003	NU(54444400	O-ring
NKA13001	Replacement blade for NKA1004 and NKA1005	NKC1114100	Connector 7-16 male for RF 1 1/4", O-ring
NKA13002	Replacement blade for NKA1009	NKC1114200	Connector 7-16 female for RF 1 1/4", O-ring
NKA13012	Replacement blade for NKA1012	NKC1114300	Connector N male for RF 1 1/4", O-ring
NKA13058	Replacement blade for NKA 12058	NKC1114400	Connector N female for RF 1 1/4", O-ring
NKA13078	Replacement blade for NKA12078	NKC1158100	Connector 7-16 male for RF 1 5/8", O-ring
NKA13114	Replacement blade for NKA12114	NKC1158200	Connector 7-16 female for RF 1 5/8", O-ring
NKA13158	Replacement blade for NKA12158	NKC1158300	Connector N male for RF 1 5/8", O-ring
NKA23012	Replacement blade for NKA22012	NKC1158400	Connector N female for RF 1 5/8", O-ring
NKA14000	T-handles		

NK code

NKC2012120	Connector 7-16 male for RFF 1/2", heat shrink sleeve	NKDP11D NKDP14G	Drum P11D Drum P14G
NKC2012220	Connector 7-16 female for RFF 1/2", heat shrink sleeve	NKDP19Q NKDP21G	Drum P19Q Drum P21G
NKC2012320	Connector N male for RFF 1/2", heat shrink sleeve	NKDP21Q NKDP22U	Drum P21Q Drum P22U
NKC2012420	Connector N female for RFF 1/2", heat shrink sleeve	NKDP22Q	Drum P22Q
NKC2012520	Connector 7-16 right angle male for RFF 1/2", heat shrink sleeve	NKG101200	Grounding kit for RF 1/2" cable
NKC2012620	Connector N right angle male for RFF 1/2", heat shrink	NKG105800	Grounding kit for RF 5/8" cable
	sleeve	NKG107800	Grounding kit for RF 7/8" and RFE 7/8" cable
NKC3058130	Connector 7/16 male for RFXT 5/8", heat shrink sleeve	NKG111400	Grounding kit for RF 1 1/4" cable
NKC3058230	Connector 7/16 female for RFXT 5/8", heat shrink sleeve	NKG115800	Grounding kit for RF 1 5/8" cable
NKC3058330	Connector N male for RFXT 5/8", heat shrink sleeve	NKRF01200	Feeder cable RF 1/2"-50
NKC3058430	Connector N female for RFXT 5/8", heat shrink sleeve	NKRF01201 NKRF01202 NKRF01204	Feeder cable RF 1/2"-50 GHF Feeder cable RF 1/2"-50 BHF Feeder cable RF 1/2"-50 BHF
NKC3078130	Connector 7/16 male for RFXT 7/8", heat shrink sleeve	NKRF05800	(UL) CATVR E205016 Feeder cable RF 5/8"-50
NKC3078230	Connector 7/16 female for RFXT 7/8", heat shrink sleeve	NKRF05801 NKRF05802	Feeder cable RF 5/8"-50 GHF Feeder cable RF 5/8"-50 BHF
NKC3078330	Connector N male for RFXT 7/8", heat shrink sleeve	NKRF05804	Feeder cable RF 5/8"-50 BHF (UL) CATVR E205016
NKC3078430	Connector N female for RFXT 7/8", heat shrink sleeve	NKRF07800 NKRF07801 NKRF07802	Feeder cable RF 7/8"-50 Feeder cable RF 7/8"-50 GHF Feeder cable RF 7/8"-50 BHF
NKC3114130	Connector 7/16 male for RFXT 1 1/4", heat shrink sleeve	NKRF07804	Feeder cable RF 7/8"-50 BHF (UL) CATVR E205016
NKC3114230	Connector 7/16 female for RFXT 1 1/4", heat shrink sleeve		
NKC3114330	Connector N male for RFXT 1 1/4", heat shrink sleeve		
NKC3114430	Connector N female for RFXT 1 1/4", heat shrink sleeve		

NK code

Product

NK code

MINITAGIZOZ	RFFX 1/2"-50 BHF		
NKRFX01200	Coaxial antenna RFX 1/2"-50	NKRF2X01201	
NKRFX01201	Coaxial antenna RFX 1/2"-50 GHF	NKRF2X01202	
	,,	NKRF2X05801	
		NKRF2X05802	
		NKRF2X07801	
		NKRF2X07802	
		NKRF2X07807	
		NKRF2X07808BN	

NKRF11400 NKRF11401	Feeder cable RF 1 1/4"-50 Feeder cable	NKRFX01202	Coaxial antenna RFX 1/2"-50 BHF
	RF 1 1/4"-50 GHF	NKRFX05800	Coaxial antenna RFX 5/8"-50
NKRF11402	Feeder cable	NKRFX05801	Coaxial antenna
	RF 1 1/4"-50 BHF		RFX 5/8"-50 GHF
NKRF15800	Feeder cable RF 1 5/8"-50	NKRFX05802	Coaxial antenna
NKRF15801	Feeder cable		RFX 5/8"-50 BHF
	RF 1 5/8"-50 GHF	NKRFX05807	Coaxial antenna
NKRF15802	Feeder cable		RFX 5/8"-50 MBHF
	RF 1 5/8"-50 BHF	NKRFX07800	Coaxial antenna RFX 7/8"-50
		NKRFX07801	Coaxial antenna
NKRFE07800	Extraflexible cable		RFX 7/8"-50 GHF
	RFE 7/8"-50	NKRFX07802	Coaxial antenna
NKRFE07801	Extraflexible cable		RFX 7/8"-50 BHF
	RFE 7/8"-50 GHF	NKRFX07807	Coaxial antenna
NKRFE07802	Extraflexible cable		RFX 7/8"-50 MBHF
NU/DEE04000	RFE 7/8"-50 BHF	NKRFX11400	Coaxial antenna
NKRFF01200	Superflexible cable		RFX 1 1/4"-50
NUCCESSA	RFF 1/2"-50	NKRFX11402	Coaxial antenna
NKRFF01201	Superflexible cable	NU/DEV/44407	RFX 1 1/4"-50 BHF
NIVDEE04202	RFF 1/2"-50 GHF	NKRFX11407	Coaxial antenna
NKRFF01202	Superflexible cable	NIZDEV4E000	RFX 1 1/4"-50 MBHF
NIVDEE04204	RFF 1/2"-50 BHF	NKRFX15800	Coaxial antenna
NKRFF01204	Superflexible cable RFF 1/2"-50 BHF (UL)	NIZDEV 1EOO 2	RFX 1 5/8"-50 Coaxial antenna
	CATVR E205016	NKRFX15802	RFX 1 5/8"-50 BHF
	CATVIL E203010	NKRFX15807	Coaxial antenna
NKRFFX01202	Coaxial antenna	INKKEA 13007	RFX 1 5/8"-50 MBHF
MKKITAOTZOZ	RFFX 1/2"-50 BHF		NIX 1 3/6 -30 WIDTH
NKRFX01200	Coaxial antenna	NKRF2X01201	Coaxial antenna
	RFX 1/2"-50	141111 2710 120 1	RF2X 1/2"-50 GHF
NKRFX01201	Coaxial antenna	NKRF2X01202	Coaxial antenna
	RFX 1/2"-50 GHF		RF2X 1/2"-50 BHF
		NKRF2X05801	Coaxial antenna
			RF2X 5/8"-50 GHF
		NKRF2X05802	Coaxial antenna
			RF2X 5/8"-50 BHF
		NKRF2X07801	Coaxial antenna
			RF2X 7/8"-50 GHF
		NKRF2X07802	Coaxial antenna
			RF2X 7/8"-50 BHF
		NKRF2X07807	Coaxial antenna
			RF2X 7/8"-50 MBHF
		NKRF2X07808BN	Coaxial antenna
			RF2X 7/8"-50 MHF BN 8017

NK code

Product

NK code

NKRF2X11401	Coaxial antenna	NKRFXK11400	Coaxial antenna
	RF2X 1 1/4"-50 GHF	14111171111400	RFXK 1 1/4"-50 LD
NKRF2X11402	Coaxial antenna	NKRFXK11402	Coaxial antenna
	RF2X 1 1/4"-50 BHF		RFXK 1 1/4"-50 BHF
NKRF2X11407	Coaxial antenna	NKRFXK11407	Coaxial antenna
	RF2X 1 1/4"-50 MBHF		RFXK 1 1/4"-50 MBHF
NKRF2X11408BN	Coaxial antenna		
	RF2X 1 1/4"-50 MHF BN 8017	NKRFXK15800	Coaxial antenna
NKRF2X15801	Coaxial antenna		RFXK 1 5/8"-50 LD
	RF2X 1 5/8"-50 GHF	NKRFXK15802	Coaxial antenna
NKRF2X15802	Coaxial antenna		RFXK 1 5/8"-50 BHF
	RF2X 1 5/8"-50 BHF	NKRFXK15807	Coaxial antenna
NKRF2X15807	Coaxial antenna		RFXK 1 5/8"-50 MBHF
	RF2X 1 5/8"-50 MBHF		
NKRF2X15808BN	Coaxial antenna	NKRFXT05807	Coaxial antenna
	RF2X 1 5/8"-50 MHF BN 8017		RFXT 5/8"-50 MBHF
		NKRFXT07807	Coaxial antenna
			RFXT 7/8"-50 MBHF
NKRFXK01200	Coaxial antenna	NKRFXT11407	Coaxial antenna
	RFXK 1/2"-50 LD		RFXT 1 1/4"-50 MBHF
NKRFXK01202	Coaxial antenna		
	RFXK 1/2"-50 BHF		
NKRFXK05800	Coaxial antenna		
	RFXK 5/8"-50 LD		
NKRFXK05802	Coaxial antenna		
	RFXK 5/8"-50 BHF		
NKRFXK05807	Coaxial antenna		
	RFXK 5/8"-50 MBHF		
NKRFXK07800	Coaxial antenna		
	RFXK 7/8"-50 LD		
NKRFXK07801	Coaxial antenna		
	RFXK 7/8"-50 GHF		
NKRFXK07802	Coaxial antenna		
NII/DEVI/A-00-	RFXK 7/8"-50 BHF		
NKRFXK07807	Coaxial antenna		
	RFXK 7/8"-50 MBHF		

NK code

Product

NK code