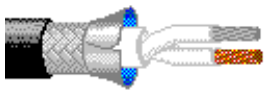
9207 Twinax - Twinaxial Cable



For more information please call
1-800-Belden1

See Put-ups and Colors

Description:

20 AWG stranded (7x28) one tinned copper conductor, one bare copper conductor, polyethylene insulation, polyethylene inner jacket, Duofoil® (100% coverage) plus a tinned copper braid shield (85% coverage), PVC outer jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	20
Stranding	7x28
Conductor Diameter	.037 in.
Conductor Material	TC - Tinned Copper, BC - Bare Copper

INSULATION:

Insulation Material	PE - Polyethylene

PAIR:

Pair Color Code Chart :

Number	Color
1	Natural & Natural

INNER JACKET:

Inner Jacket Material	PE - Polyethylene
Inner Jacket Diameter	.236 in.

OUTER SHIELD:

Outer Shield Trade Name	Duofoil®
Outer Shield Type	Tape/Braid

Outer Shield Material :

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	85

Outer Shield %Coverage	100 %

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride

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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.330 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +75°C
Bulk Cable Weight	60 lbs/1000 ft.
Max. Recommended Pulling Tension	112 lbs.
Min. Bend Radius (Install)	3.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG, CL2
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
Customer Part Number Reference Specification	IBM P/N 7362211

FLAME TEST:

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

SUITABILITY:

Suitability - Indoor	Yes
Suitability - Outdoor	Yes
Suitability - Aerial	Yes - when supported by a messenger wire

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	89207

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	100 Ohms
Nom. Inductance	0.155 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	14.5 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	23.0 pF/ft
Nominal Velocity of Propagation	66 %
Nominal Delay	1.54 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	9.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance	1.74 Ohms/1000 ft
Nom. Attenuation :	

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Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			0.3
	10			1.2
	50			2.8
	100			4.1
	200			6.4
	400			10.2

Max. Operating Voltage - UL	300 V RMS
Max. Operating Voltage - Non-UL	600 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9207 010100	100 OHM TWINAX	100	6.3	BLACK	
9207 0101000	100 OHM TWINAX	1000	68	BLACK	C
9207 0101640	100 OHM TWINAX	1640	111.52	BLACK	C
9207 0102000	100 OHM TWINAX	2000	136	BLACK	C
9207 0103280	100 OHM TWINAX	3280	219.76	BLACK	C
9207 010500	100 OHM TWINAX	500	34.5	BLACK	C
9207 0105000	100 OHM TWINAX	5000	350	BLACK	C
9207 010U500	100 OHM TWINAX	U500	33	BLACK	

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 01-02-2007

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