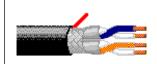




1634A Paired - Types 1A





For more information please call
1-800-Belden1

See Put-ups and Colors

Description:

 $IBM\ Type\ 1,\ 22\ AWG\ solid\ BC\ conductors,\ non-plenum,\ flame-retardant\ foam\ polyethylene\ insulation,\ each\ pair\ individually\ Beldfoil @shielded,\ overall\ TC\ braid\ shield\ (65\%\ coverage),\ rip\ cord,\ pvc\ jacket.$

SUITABLE APPLICATIONS:

Suitable Applications Token Ring 4 & 16 Mbps, FDDI over copper and video

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Number of Conductors	4
Total Number of Conductors	4
AWG	22
Stranding	Solid
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	FRFPE - Flame Retardant Foam Polyethylene
Insulation Resistance	>16, 000 MOhms

Pair Color Code Chart:

Number	Color	Number	Color
1	Black & Orange	2	Red & Green

INNER SHIELD:

Inner Shield Material Trade Name	Beldfoil®
Inner Shield Type	Tape
Inner Shield Material	Aluminum Foil-Polyester Tape
Inner Shield % Coverage	100 %

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield %Coverage	65 %

OUTER JACKET:



BELDENCable**

1634A Paired - Types 1A

Outer Jacket Material	PVC - Polyvinyl Chloride

Outer Jacket Ripcord Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .296 x .431 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +75°C	
Bulk Cable Weight	48 lbs/1000 ft.	
Max. Recommended Pulling Tension	83 lbs.	
Min. Bend Radius (Install)	4.5 in.	

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
IEEE Specification	IEEE802.5 Token Ring
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
TIA/EIA Specification	TIA/EIA-568-A
Other Specification	ETL Verified
Customer Part Number Reference Specification	IBM P/N: 4716748

FLAME TEST:

UL Flame Test
UL 1685 FT4 Loading
CSA Flame Test
FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	150 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	8.5 pF/ft
Maximum Capacitance Unbalance (pF/100 m)	150 pF/100 m
Nominal Velocity of Propagation	78 %
Nom. Conductor DC Resistance @ 20 Deg. C	17.4 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	2.3 Ohms/1000 ft
M' ' MENT	

Minimum NEXT:

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Minimum NEXT (dB)
	4			58
	16			40

Detailed Specifications & Technical Data



BELDENCable**

1634A Paired - Types 1A

Max. Attenuation (dB/100 m):

Description	Frequency (MHz)	Start Frequency (MHz)	I	Max. Attenuation (dB/100 m)
	4			2.2
	16			4.5

Max. Operating Voltage - UL 300 V RMS

Max. Recommended Current 2.3 Amps per conductor @ 25°C

NOTES:

Notes	IBM qusalified Type 1 media cable for use in IBM cabling systems. For suffix "A"
	product see 9688

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
	2 PR #22 FRFPE FRPE BRD PVC	1000	50	BLACK	CZ
	2 PR #22 FRFPE FRPE BRD PVC	2000	102	BLACK	CZ
	2 PR #22 FRFPE FRPE BRD PVC	3600	190.8	BLACK	CZ

C = CRATE REEL PUT-UP.

 $Z = FINAL\ PUT-UP\ LENGTH\ MAY\ VARY\ (+\ OR\ -)\ 10\%\ FOR\ SPOOLS\ OR\ REELS\ AND\ (+\ OR\ -)\ 5\%\ FOR\ UNREEL\ CARTONS\ FROM\ LENGTH\ SHOWN.$

Revision Number: 1 Revision Date: 08-26-2005

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