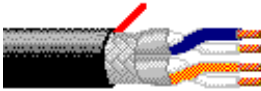


1634A Paired - Types 1A

 	For more information please call 1-800-Belden1 <u>See Put-ups and Colors</u>
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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
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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:



1634A Paired - Types 1A

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.296 x .431 in.
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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	UL1685 FT4 Loading
CSA Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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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

Minimum NEXT :

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

1634A Paired - Types 1A

Max. Attenuation (dB/100 m) :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	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 qualified 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
1634A 0101000	2 PR #22 FRFPE FRPE BRD PVC	1000	50	BLACK	C Z
1634A 0102000	2 PR #22 FRFPE FRPE BRD PVC	2000	102	BLACK	C Z
1634A 0103600	2 PR #22 FRFPE FRPE BRD PVC	3600	190.8	BLACK	C Z

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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