# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



# 1634A Multi-Conductor - Type 1



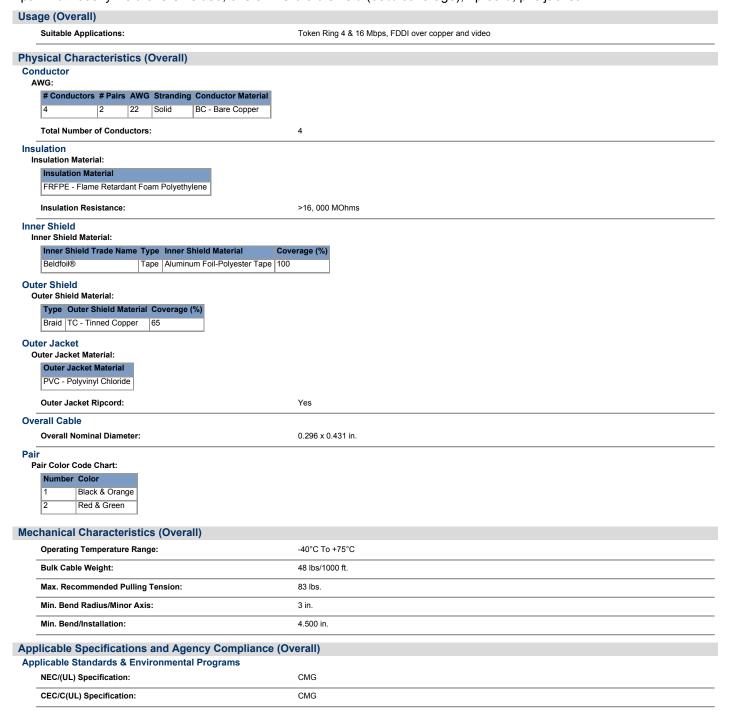
For more Information please call

1-800-Belden1



#### **General 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.



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EU	Directive 2011/65/EU (ROHS II):	Yes		
IEE	E Specification:	IEEE802.5 Token Ring		
EU	CE Mark:	Yes		
EU	Directive 2000/53/EC (ELV):	Yes		
EU	Directive 2002/95/EC (RoHS):	Yes		
EU	RoHS Compliance Date (mm/dd/yyyy):	01/01/2004		
EU	Directive 2002/96/EC (WEEE):	Yes		
EU	Directive 2003/11/EC (BFR):	Yes		
CA	Prop 65 (CJ for Wire & Cable):	Yes		
MII	Order #39 (China RoHS):	Yes		
Oth	ner Specification:	Verified IBM Type 1		
Cus	stomer Part Number Reference Specification:	IBM P/N: 4716748		
Flame 1	Test			
UL	Flame Test:	UL1685 FT4 Loading		
CSA	A Flame Test:	FT4		
Plenum	n/Non-Plenum			
Plei	num (Y/N):	No		

#### Surface Printing:

BELDEN 1634A CMG 75C 2PR22 SHIELDED (UL) E108998 C(UL)----ETL VERIFIED TO IBM SPECIFICATION 4716748

150

### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Impedance (Ohm) 150

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Maximum Capacitance Unbalance (pF/100 m):

Nominal Velocity of Propagation:

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.3

Max. Attenuation:

Freq. (MHz) Attenuation (dB/100 m) 2.2 16

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

2.3 Amps per conductor @ 25°C

### **Electrical Characteristics-Premise (Overall)**

### **Premise**

Minimum NEXT:

Freq. (MHz)	NEXT (dB)
4	58
16	40

### Notes (Overall)

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

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### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1634A 0101000	1,000 FT	50.000 LB	BLACK	CZ	IBM TYPE1 STP CMG REEL

#### Notes:

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: 2 Revision Date: 01-18-2013

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