# **Detailed Specifications & Technical Data**

#### **METRIC MEASUREMENT VERSION**



## 1634A Multi-Conductor - Type 1



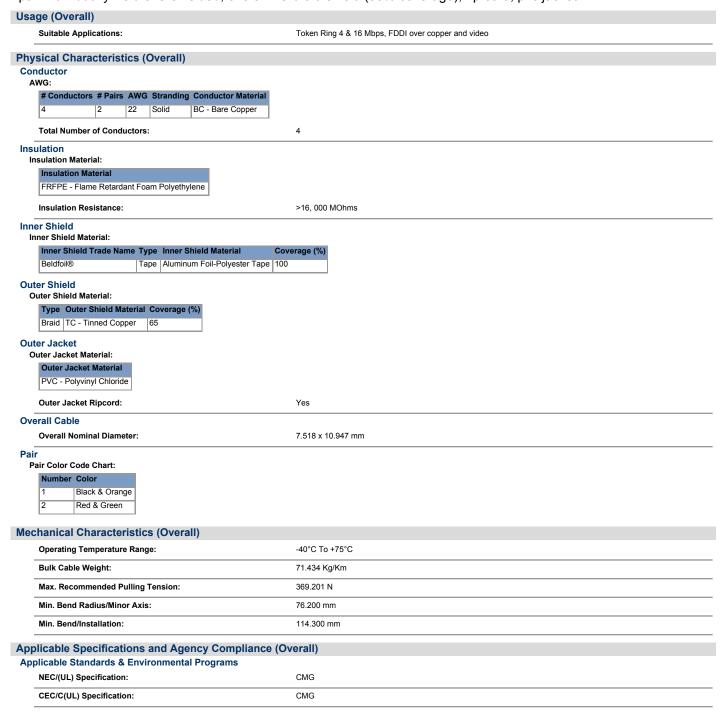
For more Information please call

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	
	IEEE 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	
	Other Specification:	Verified IBM Type 1	
	Customer Part Number Reference Specification:	IBM P/N: 4716748	
Fla	me Test		
	UL Flame Test:	UL1685 FT4 Loading	
	CSA Flame Test:	FT4	
Ple	Plenum/Non-Plenum		
	Plenum (Y/N):	No	

## **Surface Printing (Overall)**

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

Nom. Characteristic Impedance:



Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 27.8885

Maximum Capacitance Unbalance (pF/100 m): 150

Nominal Velocity of Propagation:

**VP (%)** 78

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 57.0894

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 7.5463

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100 m)
4	2.2
16	4.5

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

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

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

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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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