





**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

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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.

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