

1634A Paired - Types 1A

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

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:

Outer Jacket Material	PVC - Polyvinyl Chloride
-----------------------	--------------------------

1634A Paired - Types 1A

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	UL1685 FT4 Loading
CSA Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	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

Minimum NEXT :

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

Max. Attenuation (dB/100 m) :

1634A Paired - Types 1A

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

© Copyright 2006 Belden, Inc
All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.