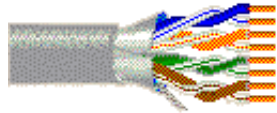


[Print Preview](#)

[Show Metric](#)

1624R



Multi-Conductor - Category 5 Nonbonded-Pair ScTP Cable

CAT5 (100MHz), 4-Pair, F/UTP-Foil shielded, Riser-CMR, Premise Horizontal Cable, 24 AWG solid bare copper conductors, Polyolefin insulation, Beldfoil® shield, ,PVC jacket, RJ-45 compatible

**For more Information
Please call**

1-800-Belden1



[Click here for Certificate](#)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1624R B02A1000	1,000 FT	36.000 LB	PURPLE	C Z	CAT5 4PR F/UTP CMR RIB
1624R B021000	1,000 FT	33.000 LB	PURPLE	C Z	CAT5 4PR F/UTP CMR REEL
1624R F2VA1000	1,000 FT	36.000 LB	GRAY, DEC	C Z	CAT5 4PR F/UTP CMR RIB
1624R F2V1000	1,000 FT	33.000 LB	GRAY, DEC	C Z	CAT5 4PR F/UTP CMR REEL
1624R F2V1640	1,640 FT	54.120 LB	GRAY, DEC	Z	CAT5 4PR F/UTP CMR REEL
1624R 002A1000	1,000 FT	36.000 LB	RED	C Z	CAT5 4PR F/UTP CMR RIB
1624R 0021000	1,000 FT	33.000 LB	RED	C Z	CAT5 4PR F/UTP CMR REEL
1624R 003A1000	1,000 FT	36.000 LB	ORANGE	C Z	CAT5 4PR F/UTP CMR RIB
1624R 0031000	1,000 FT	33.000 LB	ORANGE	C Z	CAT5 4PR F/UTP CMR REEL
1624R 004A1000	1,000 FT	36.000 LB	YELLOW	C Z	CAT5 4PR F/UTP CMR RIB
1624R 0041000	1,000 FT	33.000 LB	YELLOW	C Z	CAT5 4PR F/UTP CMR REEL
1624R 005A1000	1,000 FT	36.000 LB	GREEN, DARK	C Z	CAT5 4PR F/UTP CMR RIB
1624R 0051000	1,000 FT	33.000 LB	GREEN, DARK	C Z	CAT5 4PR F/UTP CMR REEL
1624R 006A1000	1,000 FT	36.000 LB	BLUE, LIGHT	C Z	CAT5 4PR F/UTP CMR RIB
1624R 0061000	1,000 FT	33.000 LB	BLUE, LIGHT	C Z	CAT5 4PR F/UTP CMR 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.

Usage (Overall)

Suitable Applications:

Premise Horizontal Cable, Gigabit Ethernet, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422, 100MHz Category 5

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
4	24	Solid	BC - Bare Copper

Total Number of Conductors:

8

Insulation

Insulation Material:

Insulation Material
PO - Polyolefin

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
24	7x32	TC	Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (in.)
0.260

Pair

Pair Color Code Chart:

Number	Color
1	White/Blue Stripe & Blue
2	White /Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +75°C

Bulk Cable Weight:	30 lbs/1000 ft.
Max. Recommended Pulling Tension:	25 lbs.
Min. Bend Radius/Minor Axis:	1 in.
Min. Bend/Installation:	2.600 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR, UL444
CEC/C(UL) Specification:	CMR
EU Directive 2011/65/EU (ROHS II):	Yes
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:	NEMA WC-63.1 Category 5

Flame Test

UL Flame Test:	UL1666 Riser
CSA Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1624P

Electrical Characteristics (Overall)

Nom. Mutual Capacitance:

Capacitance (pF/ft)

15

Maximum Capacitance Unbalance (pF/100 m): 300

Nominal Velocity of Propagation:

VP (%)

67

Maximum Delay:

Delay (ns/100 m)

538 @ 100MHz

Max. Delay Skew:

Delay Skew (ns/100 m)

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)

9.38

Max. Operating Voltage - UL:

Voltage

300 V RMS

Maximum DCR Unbalanced:

DCR Unbalance @ 20°C (%)

3

Electrical Characteristics-Premise (Overall)**Premise Cable Electricals:**

Freq. (MHz)	Max. Attenuation (dB/100 m)	Min. NEXT (dB)	Min. PSNEXT (dB)	Min. SRL (dB)	Fitted Imp. (Ohms)
1	2.0	62.2	62.3	23.0	100 ± 15%
4	4.1	53.3	53.3	23.0	100 ± 15%
8	5.8	48.8	48.8	23.0	100 ± 15%
10	6.5	47.3	47.3	23.0	100 ± 15%
16	8.2	44.3	44.3	23.0	100 ± 15%
20	9.3	42.8	42.8	23.0	100 ± 15%
25	10.4	41.3	41.3	22.0	100 ± 15%
31.25	11.7	39.9	39.9	21.1	100 ± 15%
62.5	17.0	35.4	35.4	18.0	100 ± 15%
100	22.0	32.2	32.3	16.0	100 ± 15%

Notes (Overall)

Notes: Shield is bonded to jacket inner wall for electrical stability. RJ-45 Compatible. Jacket sequentially marked at 2 ft. intervals. Third party verified to TIA/EIA-568-B.2, Category 5.

Close

Revision Number: 3 Revision Date: 08-14-2013

© 2016 Belden, Inc
All Rights Reserved.

Although 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. 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 this 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.