

## DIW4 Multi-Conductor - Category 3 Nonbonded-Pair Cable



For more Information  
please call

1-800-Belden1

**General Description:**

CAT3, DIW 4-Pair, U/UTP-Unshielded, Riser-CMR, Premise Horizontal Cable, 24 AWG solid bare copper conductors, PVC insulation, Ripcord, PVC jacket

**Usage (Overall)**

Suitable Applications: Premise Backbone Cable

**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
PVC - Polyvinyl Chloride

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (in.)
0.169

**Pair**

Pair Color Code Chart:

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

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +60°C

Bulk Cable Weight: 17 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 1 in.

Min. Bend/Installation: 1.600 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMR

EU Directive 2011/65/EU (ROHS II): Yes

## DIW4 Multi-Conductor - Category 3 Nonbonded-Pair Cable

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/19/2005
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:	Meets Category 3 transmission performance requirements for multi-pair backbone cables as specified by TIA/EIA 568 B-2, including power-sum NEXT

## Flame Test

UL Flame Test:	UL1666 Riser
C(UL) Flame Test:	FT4

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	DFLEX4

## Electrical Characteristics (Overall)

## Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)

9.380

## Maximum DCR Unbalanced:

DCR Unbalance @ 20°C (%)

5.000

## Electrical Characteristics-Premise (Overall)

## Premise Cable Electricals:

Freq. (MHz)	Max. Attenuation (dB/100 m)	Min. PSNEXT (dB)	Min. SRL (dB)	Fitted Imp. (Ohms)
.772	2.200	43		
1.0	2.600	41	12	100 +/- 15
4.0	5.600	32	12	100 +/- 15
8.0	8.500	28	12	100 +/- 15
10.0	9.700	26	12	100 +/- 15
16.0	13.100	23	10	100 +/- 15

## Notes (Overall)

**Notes:** Jacket sequentially printed with dual footage and meter markings.

## Reference (Overall)

**Previous Part Number:** 24501948

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
DIW4 732B1000	1,000 FT	16.000 LB	GRAY, LIGHT OLIVE		CAT3 4PR U/UTP CMR ECOIL
DIW4 732U1000	1,000 FT	17.000 LB	GRAY, LIGHT OLIVE		CAT3 4PR U/UTP CMR BOX
DIW4 732U1500	1,500 FT	25.500 LB	GRAY, LIGHT OLIVE		CAT3 4PR U/UTP CMR BOX

Revision Number: 2    Revision Date: 07-13-2016

© 2019 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

## DIW4 Multi-Conductor - Category 3 Nonbonded-Pair Cable

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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[DIW4 732U1000](#) [DIW4 732U1500](#) [DIW4 732B1000](#)