

## 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. (mm)
4.293

**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: 25.299 Kg/Km

Min. Bend Radius/Minor Axis: 25.400 mm

Min. Bend/Installation: 40.640 mm

**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

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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

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## METRIC MEASUREMENT VERSION

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