

1243A2 Multi-Conductor - Category 3 Nonbonded-Pair Cable

 For more Information
 please call

1-800-Belden1

**General Description:**

CAT3, 2-Pair, U/UTP-Unshielded, Plenum-CMP, Premise Horizontal Cable, 24 AWG solid bare copper conductors, LS-PVC insulation, LS-PVC jacket

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
2	24	Solid	BC - Bare Copper

Total Number of Conductors: 4
Insulation**Insulation Material:**

Insulation Material
LS PVC - Low Smoke Polyvinyl Chloride

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (mm)
3.429

Pair**Pair Color Code Chart:**

Number	Color
1	White/Blue & Blue
2	White/Orange & Orange

Mechanical Characteristics (Overall)

Installation Temperature Range:	0°C To +60°C
Operating Temperature Range:	-20°C To +75°C
Bulk Cable Weight:	17.858 Kg/Km
Max. Recommended Pulling Tension:	66.723 N
Min. Bend Radius/Minor Axis:	25.400 mm
Min. Bend/Installation:	34.290 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**
NEC/(UL) Specification: CMP

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CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (ROHS II):	Yes
IEEE Specification:	802.3 10BaseT, 100BaseT4
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):	06/01/2007
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
Telecommunications Standards:	568-B.2 Category 3
Other Specification:	NEMA WC-63 Category 3, UL verified to TIA/EIA-568-B.2, Category 3.

Flame Test

UL Flame Test:	NFPA 262 Plenum Flame Test (UL910)(FT6)
CSA Flame Test:	FT6

Plenum/Non-Plenum

Non-Plenum Number:	1227A1
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Electrical Characteristics (Overall)

Nom. Mutual Capacitance:

Capacitance (pF/m)
62.339

Maximum Capacitance Unbalance (pF/100 m):	330
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Nominal Velocity of Propagation:

VP (%)
61

Nominal Delay:

Delay (ns/m)
4.9215

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 (%)
5

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	2.56	41.0	No Spec	12.0	100 ± 15%
4	5.58	32.0	No Spec	12.0	100 ± 15%
10	9.71	26.	No Spec	12.00	100 ± 15%
16	13.10	23	No Spec	9.96	100 ± 15%

Notes (Overall)

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Notes: Jacket sequentially marked at 2 ft. intervals. Third party verified to TIA/EIA-568-B.2, Category 3.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1243A2 009U1000	1,000 FT	12.000 LB	WHITE		2 PR #24 FLRST FLRST

Revision Number: 1 Revision Date: 02-06-2013

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