

603415 Multi-Conductor - Low Capacitance Computer Cables for EIA RS-232/422

Obsolete
Call

1-800-BELDEN1

For more Information
 please call

1-800-Belden1

Description:

24 AWG stranded (7x32) tinned copper conductors, twisted pairs, polyethylene insulation, overall 100% Beldfoil® shield, 24 AWG stranded tinned copper drain wire, PVC jacket.

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

# Pairs	AWG	Stranding	Conductor Material
6	22	Solid	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material
HDPE - High Density Polyethylene

Outer Jacket

Outer Jacket over Armor (y/n): Y

Outer Jacket over Armor

Outer Jacket Material over Armor (y/n): LLPE

Armor

Armor Type: Corrugated

Armor Material: Coated Aluminum

Armor Thickness: .008

Overall Cabling

Overall Cabling Separator Material: Polyester tape

Overall Nominal Diameter: 0.420 in.

Pair**Pair Color Code Chart:**

Number	Color
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown
5	White & Gray
6	Red & Blue

Mechanical Characteristics (Overall)

Operating Temperature Range: -55°C To +80°C

Max. Recommended Pulling Tension: 93.240 lbs.

Min. Bend Radius (Install)/Minor Axis: 8.400 in.

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

Other Specification: REA PE-22

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)**Nom. Mutual Capacitance:**

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Capacitance (pF/ft)

15.8

Max. Mutual Capacitance:

Capacitance (pF/ft)

17.0

Maximum Capacitance Unbalance (pF/100 m): 18

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)

17.4

Max. Attenuation:

Freq. (MHz) Attenuation (dB/100 m)

.15

.62

.772

1.46

Maximum DCR Unbalanced:

DCR Unbalance @ 20°C (%)

4

Electrical Characteristics-Premise (Overall)

Premise

Minimum FEXT:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	FEXT (dB)
	.15			68

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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