



For more Information
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1-800-Belden1



Description:

16 AWG pairs stranded (19x29) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	16	19x29	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material
F-R PVC - Flame Retardant Polyvinyl Chloride

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	0.037

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.254 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

Pair Lay Length & Direction:

Lay Length (in.)
2.375

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 34 lbs/1000 ft.

Max. Recommended Pulling Tension: 78 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.625 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CMG

EU CE Mark: Yes

9410 Multi-Conductor - 300V Power-Limited Tray Cable

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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

Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202

Suitability

Sunlight Resistance:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
31

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.7

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
11 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9410 060U1000	1,000 FT	36.000 LB	CHROME	C	2 #16 PVC PVC
9410 060U500	500 FT	18.500 LB	CHROME		2 #16 PVC PVC
9410 0601000	1,000 FT	37.000 LB	CHROME	C	2 #16 PVC PVC
9410 0602500	2,500 FT	95.000 LB	CHROME		2 #16 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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