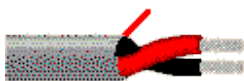


9412 Multi-Conductor - 300V Power-Limited Tray Cable

For more Information
please call

1-800-Belden1

**Description:**

12 AWG pairs stranded (65x30) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

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

# Pairs	AWG	Stranding	Conductor Material
1	12	65x30	TC - Tinned Copper

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.143

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.042

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.370 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & Red

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 76 lbs/1000 ft.

Max. Recommended Pulling Tension: 197 lbs.

Min. Bend Radius/Minor Axis: 3.750 in.

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

NEC/(UL) Specification: PLTC, ITC, CL3R

IEEE Specification: 1202

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

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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 UL Loading

C(UL) Flame Test: FT4

ICEA Flame Test: T-29-520

Suitability

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)

.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

25

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.8

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Operating Voltage - Other:

Voltage Description

25 KV RMS Nominal breakdown voltage between conductors

Max. Recommended Current:

Current

17 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9412 0601000	1,000 FT	83.000 LB	CHROME	C	2 #12 PVC PVC
9412 0602500	2,500 FT	205.000 LB	CHROME		2 #12 PVC PVC
9412 060500	500 FT	41.500 LB	CHROME	C	2 #12 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 11-23-2011

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