



For more Information  
please call

1-800-Belden1



### General Description:

12 AWG pairs stranded (37x27) tinned copper conductors, twisted pairs, overall Beldfoil® shield (100% coverage), PVC/Nylon insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	12	37x27	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
12	19x25	TC - Tinned Copper

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 9.754 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

### Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 156.261 Kg/Km

Max. Recommended Pulling Tension: 1125.395 N

Min. Bend Radius/Minor Axis: 95.250 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: NPLF, TC

EU Directive 2011/65/EU (ROHS II): Yes

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): 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
Other Specification:	ICEA S-73-532, S-61-402

**Flame Test**

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

**Suitability**

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)**

**Nom. Inductance:**

<b>Inductance (µH/m)</b>
0.62339

**Nom. Capacitance Conductor to Conductor:**

<b>Capacitance (pF/m)</b>
183.736

**Nom. Capacitance Cond. to Other Conductor & Shield:**

<b>Capacitance (pF/m)</b>
347.786

**Nom. Conductor DC Resistance:**

<b>DCR @ 20°C (Ohm/km)</b>
5.41365

**Nominal Outer Shield DC Resistance:**

<b>DCR @ 20°C (Ohm/km)</b>
5.11836

**Max. Operating Voltage - UL:**

<b>Voltage</b>
600 V RMS (NEC Type TC)
150 V RMS (NPLF)

**Max. Recommended Current:**

<b>Current</b>
30 Amps per conductor @ 25°C

**Notes (Overall)**

**Notes:** Alternate color coding available upon request.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9344 0101000	1,000 FT	115.000 LB	BLACK	C	2 #12 PVC/NYL SHLD PVC
9344 010500	500 FT	56.500 LB	BLACK	C	2 #12 PVC/NYL SHLD PVC

**Notes:**

C = CRATE REEL PUT-UP.

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