



For more Information
please call

1-800-Belden1



Description:

16 AWG multi-conductor stranded (7x24) bare copper conductors, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage) with drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	7x24	BC - Bare Copper

Total Number of Conductors: 2

Ground Wire

Ground Wire (Y/N): N

Insulation

Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Insulation Color Code Chart:

Number	Color
1	Black
2	Red

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
20	7x28	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.1938

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 7.671 mm

Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

UL Temperature Rating: 75°C Dry, +90°C Wet

Bulk Cable Weight: 66.969 Kg/Km

Max. Recommended Pulling Tension: 177.928 N

Min. Bend Radius/Minor Axis: 76.200 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: NPLF, TC

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 Vertical Tray Flame Test

CSA Flame Test: FT4

IEEE Flame Test: 1202

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

13.7802

Max. Operating Voltage - Other:

Voltage

600 V RMS

Max. Recommended Current:

Current

8 Amps per conductor @ 30°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
27337AS 0105000	1,524 MT	136.078 KG	BLACK	C Z	2 #16 PVC/NYL FS PVC
27337AS01010000	3,048 MT	276.693 KG	BLACK	C Z	2 #16 PVC/NYL FS PVC

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the

27337AS Multi-Conductor - 600V Type TC Cable

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