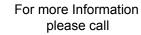
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



27337AS Multi-Conductor - 600V Type TC Cable



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.

Ν

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):

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 |

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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 |
| ame Test | |
| UL Flame Test: | UL1685 Vertical Tray Flame Test |

Fla

| 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:

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 | CZ | 2 #16 PVC/NYL FS PVC |
| 27337AS01010000 | 3,048 MT | 276.693 KG | BLACK | CZ | 2 #16 PVC/NYL FS PVC |

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.

Revision Number: 3 Revision Date: 07-30-2012

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METRIC MEASUREMENT VERSION



27337AS Multi-Conductor - 600V Type TC Cable

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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