

METRIC MEASUREMENT VERSION

9368 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1



General Description:

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC insulation, individually shielded (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 2 | 18 | 19x30 | TC - Tinned Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Material |
|--------------------------|
| PVC - Polyvinyl Chloride |

Inner Shield

Inner Shield Material:

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

Inner Shield Drain Wire AWG:

| AWG |
|-----|
| 20 |

Inner Shield Drain Wire Stranding: 19x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.0668 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Direction |
|---------------|
| Left-hand Lay |

Overall Nominal Diameter: 9.601 mm

Pair

Pair Color Code Chart:

| Number | Color |
|--------|----------------|
| 1 | Black & Red #1 |
| 2 | Black & Red #2 |

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|-----------------|
| Operating Temperature Range: | -30°C To +105°C |
| UL Temperature Rating: | 105°C |
| Bulk Cable Weight: | 102.686 Kg/Km |
| Max. Recommended Pulling Tension: | 556.025 N |
| Min. Bend Radius/Minor Axis: | 95.250 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|----------------------|
| NEC/(UL) Specification: | CMG, ITC-ER, PLTC-ER |
| CEC/C(UL) Specification: | CMG |
| 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 |

Flame Test

| | |
|-------------------|--------------------|
| UL Flame Test: | UL1685 FT4 Loading |
| C(UL) Flame Test: | FT4 |
| IEEE Flame Test: | 1202 |

Suitability

| | |
|------------------------|-----|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| Suitability - Burial: | Yes |
| Sunlight Resistance: | Yes |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Surface Printing (Overall)

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface Printing: | LEGEND: BELDEN 9368 E34972 2PR18 (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG----FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Electrical Characteristics (Overall)

Nom. Inductance:

| |
|-------------------|
| Inductance (µH/m) |
| 0.59058 |

Nom. Capacitance Conductor to Shield:

| |
|--------------------|
| Capacitance (pF/m) |
| 334.662 |

Nom. Capacitance Conductor to Conductor:

| |
|--------------------|
| Capacitance (pF/m) |
| 187.017 |

9368 Multi-Conductor - 300V Power-Limited Tray Cable

Nom. Conductor DC Resistance:

| |
|----------------------------|
| DCR @ 20°C (Ohm/km) |
| 19.5548 |

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 27.232 Ohm/km

Max. Operating Voltage - UL:

| |
|-------------------------|
| Voltage |
| 300 V RMS (PLTC CMG) |
| 150 V RMS (ITC) |

Max. Recommended Current:

| |
|-------------------------------|
| Current |
| 6.4 Amps per conductor @ 25°C |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|---------------------|
| 9368 0601000 | 1,000 FT | 94.000 LB | CHROME | C | 2 PR #18 PVC SH PVC |
| 9368 060500 | 500 FT | 51.000 LB | CHROME | C | 2 PR #18 PVC SH PVC |
| 9368 0605000 | 5,000 FT | 460.000 LB | CHROME | Z | 2 PR #18 PVC SH 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.

Revision Number: 2 Revision Date: 08-05-2016

© 2019 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).