

## 9575 Multi-Conductor - Power-Limited Fire Protective Signal Circ Cabl, 2 Cdrs Cabld

For more Information  
please call

1-800-Belden1



### General Description:

16 AWG solid bare copper conductors, conductors cabled, PVC insulation, overall Beldfoil® shield (100% coverage), 22 AWG stranded TCV drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

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

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.016

#### Outer Shield

##### Outer Shield Material:

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

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	7x30	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.036

#### Overall Cable

##### Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.241 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 34 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 2.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR, FPLR

NEC Articles: 760

## 9575 Multi-Conductor - Power-Limited Fire Protective Signal Circ Cabl, 2 Cdrs Cabld

<b>CEC/C(UL) Specification:</b>	FAS105
<b>AWM Specification:</b>	UL Style 2464 (300 V 80°C)
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes
<b>Other Specification:</b>	California State Fire Marshall

### Flame Test

<b>UL Flame Test:</b>	UL1666 Vertical Shaft
<b>CSA Flame Test:</b>	FT4

### Electrical Characteristics (Overall)

**Nom. Inductance:**

<b>Inductance (µH/ft)</b>
0.150

**Nom. Capacitance Conductor to Conductor:**

<b>Capacitance (pF/ft)</b>
57.500

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

<b>Capacitance (pF/ft)</b>
103.500

**Nom. Conductor DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
4.1

**Nominal Outer Shield DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
10.6

**Max. Operating Voltage - UL:**

<b>Voltage</b>
300 V RMS

**Max. Recommended Current:**

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

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9575 002U1000	1,000 FT	36.000 LB	RED		2 #16 PVC FS PVC
9575 002U500	500 FT	18.500 LB	RED		2 #16 PVC FS PVC
9575 0025000	5,000 FT	190.000 LB	RED	C Z	2 #16 PVC 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.

## 9575 Multi-Conductor - Power-Limited Fire Protective Signal Circ Cabl, 2 Cdrs Cabld

Revision Number: 5    Revision Date: 10-03-2012

© 2013 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 73/23/EEC), as amended by directive 93/68/EEC.