

## 9574 Multi-Conductor - Power-Limited Fire Protective Signal Circ Cbls, 2 Cdrs Cabld



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	Solid	BC - Bare Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.017

#### 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	.037

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.231 in.

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 29 lbs/1000 ft.

Max. Recommended Pulling Tension: 50 lbs.

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

CEC/C(UL) Specification: FAS105

AWM Specification: UL Style 2464 (300 V 80°C)

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

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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:	California State Fire Marshall.

### Flame Test

UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

### Plenum/Non-Plenum

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

#### Nom. Inductance:

Inductance (µH/ft)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

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

Capacitance (pF/ft)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

#### Max. Operating Voltage - UL:

Voltage

#### Max. Recommended Current:

Current

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9574 002U1000	1,000 FT	31.000 LB	RED		2 #18 PVC SHLD PVC
9574 002U500	500 FT	16.000 LB	RED		2 #18 PVC SHLD PVC
9574 0025000	5,000 FT	155.000 LB	RED		2 #18 PVC SHLD PVC

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