



**Part Number:** 9574

Power-Limited Fire Protective Signal Circ Cbl, 2 Cdrs Cabled

## Product Description

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

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	2
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

#### Color Chart 1:

Number	Color
1	Black
2	Red

#### Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil® (Z-Fold®)	100 %	TC - Tinned Copper	22	7x30 mm

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.231 in	0.037 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
6.2 Ohm/1000ft	10.9 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
58 pF/ft	108 pF/ft

### Current:

Max. Recommended Current [A]
5.3 Amps per conductor @ 25°C A

### Inductance:

Nominal Inductance
0.102 µH/ft

### Voltage:

UL Voltage Rating
300V RMS

## Use

Max Recommended Pulling Tension:	50 lbs
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## Safety

CSA Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft

## Temperature Range

Operating Temp Range:	-40°C To +105°C
UL Temp Rating:	105°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	FAS105
MII Order #39 (China RoHS):	Yes
NEC Articles:	760
NEC/(UL) Specification:	CMR^FPLR
Other Specification:	California State Fire Marshall.
UL AWM Style:	UL Style 2464 (300V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## History

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