



Part Number: 9576

Power-Limited Fire Protective Signaling Circuit Cables

Product Description

22 AWG solid TC conductors, conductors cabled, PVC insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
22	Solid	TC - Tinned Copper	6
Total Number of Conductors:			6

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.013 in

Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.234 mm	0.039 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
16 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor
25.5 pF/m

Current:

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

Inductance:

Nominal Inductance
0.19 μ H/m

Voltage:

UL Voltage Rating
300V RMS

Use

Max Recommended Pulling Tension:	57 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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