

Y63915, Multi-Conductor - Commercial Applications - 2 Conductors Cabled

**General Description:**

Fire Alarm Cable, Riser-FPLR, 2-14 AWG solid bare copper conductors with polyolefin insulation, Overall Beldfoil® shield, LSZH jacket

Usage (Overall)

Suitable Applications:

Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)**Conductor**

# Conductors	AWG	Stranding	Conductor Material
2	14	Solid	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.010

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	Solid	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
LSZH	0.025

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (twist/ft)
2.50	4.8

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter:

0.225 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +75°C

UL Temperature Rating:

75°C

Max. Recommended Pulling Tension:

113 lbs.

Min. Bend Radius/Minor Axis:

2.3 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:

FPLR

NEC Articles:

760



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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
MIL Order #39 (China RoHS):	Yes
Other Specification:	California State Fire Marshall

Flame Test

UL Flame Test:	UL1424 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)
 .15

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
 60.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
 108.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
 2.43

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
 11.200

Max. Operating Voltage - UL:

Voltage
 300 V RMS

Max. Recommended Current:

Current
 8 Amps per conductor @ 25°C



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