DETAILED SPECIFICATIONS & TECHNICAL DATA

ENGLISH MEASUREMENT VERSION



FIRE CABLE 2X18 C/P LSZH ROHS COMPILIAN

LSZH1424FPLR-CP | Multi-Conductor - Commercial Applications - 2 Conductors Cabled



GENERAL DESCRIPTION

Fire Alarm Cable, Riser-FPLR, 2-18 AWG solid bare copper conductors with polyolefin insulation, Overall BDNfoil shield, LSZH jacket

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

PHYSICAL CHARACTERISTICS (OVERALL)

Conductor AWG	#Conductors	AWG	Stranding	Conductor Materia	Total Number of Conductors: 2
Insulation Insulation Material	2 Insulation Mate	18 erial V	Solid Vall Thickness	BC - Bare Copper	
Outer Shield	PP - Polypropy		0.007	01:114:11	0 (9/)
Outer Shield Material	Outer Shield Trade Name BDNfoil		Outer Shield Material Aluminum Foil-Polyester Tape		Coverage (%)
Outer Shield Drain Wire AWG	AWG 24	Stranding Solid		Conductor Material	
Outer Jacket Outer Jacket Material			TC - Tinned Copper Nom. Wall Thickness (in.)		Outer Jacket Ripcord: YES
Overall Cable Overall Cabling Lay Lenght & Direction	LSZH Lenght (in.)	Direction	0.03 Twists (t		
	2.750	Left Hand			
Overall Cabling Color Code Chart:	Number 1 2	Color Black Red	→ Overall I	Nominal Diameter:	0.163 in.

MECHANICAL CHARACTERISTICS (OVERALL)

Operating Temperature Range: -20°C to +75°C

Bulk Cable Weight: 19 lbs/1000 ft.

Max. Recommended Pulling Tension: 53.200 lbs.

Min. Bend Radius/Minor Axis: 1.6 in.

ELECTRICAL CHARACTERISTICS (OVERALL)

Nom. Inductance: Inductance (µH/ft) 0.150 Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 55.000 Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 99.000 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) **Nominal Outer Shield DC Resistance:** DCR @ 20°C (Ohm/1000 ft) 17.900 Max. Operating Voltage: Voltage 300 V RMS Max. Recommended Current: Description Current 5 Amps per conductor @ 25°C 10°C Temperature Rise

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