

FIRE ALARM, 2C 18AWG CU, OSC, LSZH, CPR B2ca, 100M



Applications:

fire alarms; indoor applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...)

General

Cable Type	Security Cable
Conductor	Solid Copper
Number of Conductors	2
Isolation Material	PVC
Isolation Color	Black, Red
Shield Material	AL/Poly
Drain Wire	Stranded Tinned Copper
Jacket Material	LSZH
Jacket Color(s)	Red
Print	Black ink. legible, cannot be wiped off by fingers
Packing	100M cardboard reel

Dimensions

Conductor diameter	18AWG	0.032 in	
Isolation diameter	1.50 mm	0.060 in	
Diameter over jacket	5.87 mm	0.231 in	
Coil	Outer Diameter	270 mm	10.63 in
	Center Hole	100 mm	3.94 in
	Height	80 mm	3.15 in

Mechanical

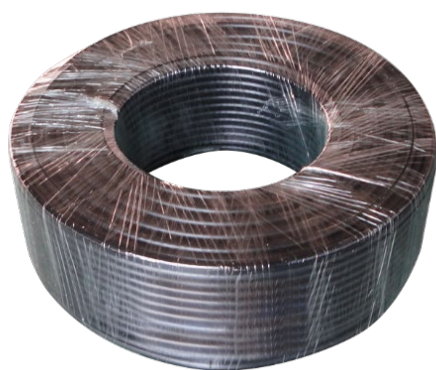
Operating Temperature	-40°C to + 70°C	
Bend Radius	Dynamic	87.9 mm Min.
	Static	87.9 mm Min.
Pull Tension	50 lbs Max.	

Electrical

Recommended Current (A)	5.3 per Conductor @20°C	
Conductor DC Resistance	8.5 Ohms / km	2.6 Ohms / kft
Dielectric Strength	1500 Vac 2500 Vdc Min.	
Mutual Capacitance	19.0 nF / 100m	5.8 nF / 100ft

Compliance

Applicable	RoHS2.0(2011/65/EU)
NEC Compliance	Article 760
Reaction to fire	IEC 60332-1-2; IEC 60754-2; IEC 61034-2 EN 50575:2014+A1:2016 EN 13501-6(B2ca-s1,d0,a1)
Warranty	3 years (indoor)



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