



# Structured Cable Products

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## SCP PART#: 18/2FPLR -SH

DESCRIPTION : 2C/18 AWG SOLID FPLR SHIELDED PVC -RED-1000FT SPOOL

**Standard:** EN50575: 2014 REACTION TO FIRE CLASS Eca  
EU RoHS 2011/65/EU Compliant

### Construction Characteristics:

Conductor	Material	SOLID Bare Copper	
	Size	18AWG X 2C	
	Construction	1.02+/-0.004mm	
Insulation	Material	PVC	
	Min.Thickness	0.25mm	
	AVG.Thickness	0.28mm	
	Diameter	1.5+/-0.05mm	
	Colors	Black & Red	
Shield	Drain wire(TC)	7/0.254+/-0.004mm	
	Shield	AL Foil	
Jacket	Material	PVC	
	Min.Thickness	0.30mm	
	AVG.Thickness	0.38mm	
	Diameter	4.0+/-0.20mm	
	Rip Cord	Nylon	
	Color	RED	
Bend radius	Min 15D/66mm		
Operating Temperature Range		- 20°C + 75°C	
Minimum installation temperature		0°C + 40°C	
Conductor Resistance(18AWG)		Max 6.8 ohm/1000ft at 25°C	
Dielectric Strength		Min AC1.5KV	
Insulation Resistance		Min 50MΩ *km at 20°C	
Rated Voltage		Max 300Volts	
Marking:			
STRUCTURED CABLE PRODUCTS --- 182FPLR-SH --- RISER FIRE ALARM CABLE FPLR-----E198137 SCP3 (UL) CL3R C(UL) CMR SHIELDED 2C/18AWG SOLID BC----- -RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***FEET 051023			
Packaging:			
Approx.Weight	Approx.Dimension(mm)	Package	Packages per pallet
8.6 kgs	270*160*110	1000ft/spool	60