

**SCP PART#: 16/2FPLR-SH-XX**

**DESCRIPTION:**

Shielded Riser 2/C 16/1 AWG SBC, PVC Insulation,  
 PVC Riser Jacket, 1000 FEET/305M

Part Number:	Jacket Color:
16/2FPLR-SH	Red
16/2FPLR-SH-OR	Orange
16/2FPLR-SH-WT	White

General Specification of Product :

Final Diameter :	0.174 inches	4.420 mm
Total Cable Weight :	45 kg/km	30 lbs/1000 ft
Conductor :	16 AWG Solid Bare Copper	
Insulation :	PVC	
Shield :	Foil Shield 0.625	
Drain \ Ground :	22 AWG Solid STC Cond.	
Outer Jacket :	PVC	

Print Notes : Sequentially marked per 2FT (0 - infinity)

Standard Print : STRUCTURED CABLE PRODUCTS --- P/N 16/2FPLR -SH --- RISER FIRE  
 ALARM CABLE (UL) CL 2R/CL 3R E198137 -SCP OR FPLR (UL) C(UL) CMG  
 CMR SHIELDED 2/C 16 AWG SOLID PVC JKT --- ZONE /DEVICE A B C D E 0 1  
 2 3 4 5 6 7 8 9 RoHS

Electrical Characteristics :

DC Resistance 25 °C:	4.2 Ohms / 1000 ft	
Mutual Capacitance :	65.1 pF/ft	
Cond to Shield Cap.:	121 pF/ft	
Impedance :	40 Ohms	
Velocity of Prop :	63 %	
Inductance.:	1.3 mH/km	

Additional Information :

Cabled OD Avg:  
 Ins Thickness: 0.010  
 Jkt Thickness: 0.015  
 Certified: UL CL 2R/CL 3R OR FPLR /CMG /CMR  
 Flame Rating: Riser  
 Max Voltage: 300 V  
 Packaging: Plywood Spool 12 x 7 x 5"  
 Packaged Weight: 30 lbs / 14 kgs

( All of the above values are approximated to within +/- 10% )

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