

PRODUCT SPECIFICATIONS

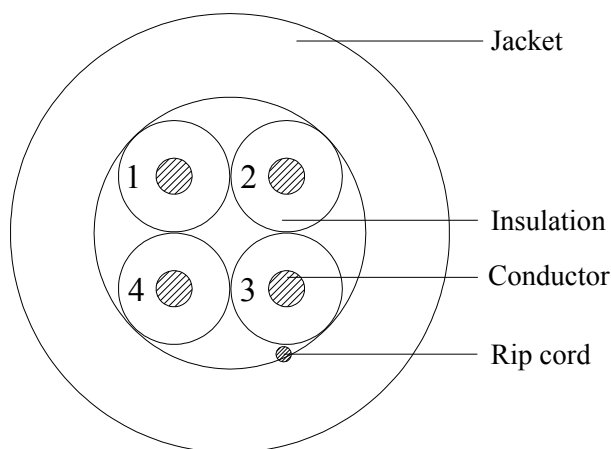
SCP PART#: 18/4-GY		DESCRIPTION: 4C/18 AWG STRANDED PVC- GRAY- 1000 FT BOX			
Edition	A	Established Date	11/2012	Rev Date	02/2014
Approval	Richard	Checked	John	Finish	Jennifer

Standard:

UL Listed, UL Standard 13, NEC Article 725

Application: Class 2 Power Limited Circuit Cable -
Thermostat controls, HVAC, Doorbells, and other low voltage applications.

Construction: This cable consists of solid bare copper insulated conductors with an overall sunlight resistant PVC jacket. Cables with more than 4 conductors are twisted prior to jacketing. Sequential foot markings printed on jacket.



Construction Characters:

Conductor	Material	Stranded Bare Copper
	Size	18AWG X 4C
	Construction	16/0.24±0.004mm
Insulation	Material	PVC
	Min. Thickness	0.27mm
	AVG. Thickness	0.30mm
	Diameter	1.70±0.05mm
	Colors	Black & Red & White & Green
Jacket	Material	PVC
	AVG. Thickness	0.50mm
	Min. Thickness	0.45mm
	Diameter	5.10±0.10mm
	Rip Cord	Nylon
	Colors	Per request

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Electrical & Physical Characters

rating			75℃ 300V	
Conductor Resistance			Max 24.4ohm/km at 20℃	
Dielectric Strength			Min AC1.5KV	
AC Leakage Current Through overall Jacket			AC 1500V ≤10mA	
Insulation	Unaged	Tensile Strength	13.8 Mpa	
		Elongation	150%	
	Aged	Tensile Strength	11.7 Mpa(100℃ 168h)	
		Elongation	80%(100℃ 168h)	
Jacket	Unaged	Tensile Strength	13.8 Mpa	
		Elongation	150%	
	Aged	Tensile Strength	11.7 Mpa(100℃ 168h)	
		Elongation	80%(100℃ 168h)	
Cold Bend Test			-20℃ 4hours No Cracking	
Marking:				
STRUCTURED CABLE PRODUCTS --- P/N 18/4 --- 4 COND 18 AWG STRANDED TYPE CMR/CL2R FT4 75C -- (UL) OR C(UL) E198137 CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXFT				
Packaging:				
Approx. Weight(kg)		Approx. Dimension(mm)	package	Packages per Pallet
8.40		280X240X300	500 ft/Box	64/48
16.05		335X260X350	1000 ft/Box	36