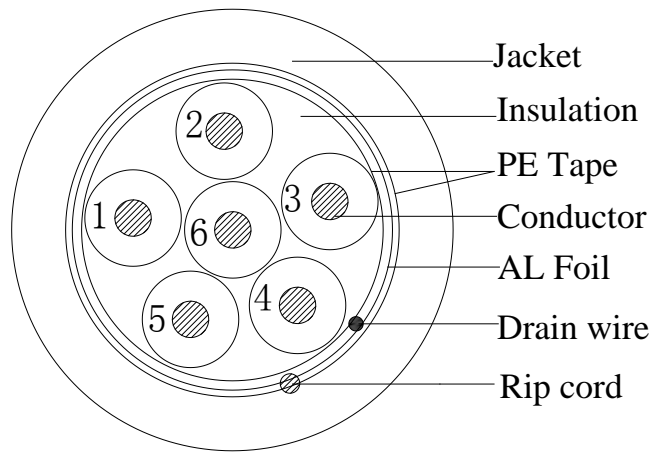




PRODUCT SPECIFICATIONS

PART#: 18/6SH-GY		DESCRIPTION: 6C/18 AWG STRANDED SHIELDED PVC-GRAY- 1000 FT SPOOL			
Edition	A	Established Date	04/2013	Revised Date	02/2014
Approval	Richard	Checked	John	Finish	Jennifer



Standard: UL 444 & UL 13, NEC Article 760 & NEC Article 725

Application: Security Cable for Outdoor

Construction Characters:

Conductor	Material	Stranded Bare Copper
	Size	18AWG X 6C
	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 & Blue & Brown
Shield	Core wrap	PE Tape
	Drain wire(TC)	7/0.20±0.004mm
	Shield	AL Foil
	Core wrap	PE Tape
Jacket	Material	PVC
	AVG. Thickness	0.55mm

Jacket	Min. Thickness	0.50mm
	Diameter	6.50±0.10mm
	Rip Cord	Nylon
	Colors	Per request

Electrical & Physical Characters

rating		75°C 300V	
Conductor Resistance		Max 24.4ohm/km at 20°C	
Dielectric Strength		Min AC1.5KV	
AC Leakage Current Through overall Jacket		AC 1500V ≤10mA	
Twists per foot		3.0	
Insulation	Unaged	Tensile Strength	13.8 Mpa
		Elongation	150%
	Aged	Tensile Strength	11.7 Mpa(100°C 168h)
		Elongation	80%(100°C 168h)
Jacket	Unaged	Tensile Strength	13.8 Mpa
		Elongation	150%
	Aged	Tensile Strength	11.7 Mpa(100°C 168h)
		Elongation	80%(100°C 168h)
Cold Bend Test		-20°C 4hours No Cracking	
Marking:			
STRUCTURED CABLE PRODUCTS --- P/N 18/6SH --- 6 COND 18 AWG STRANDED SHIELDED 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
23.85	370X200X150X12	1000 ft/Spool	45/36