



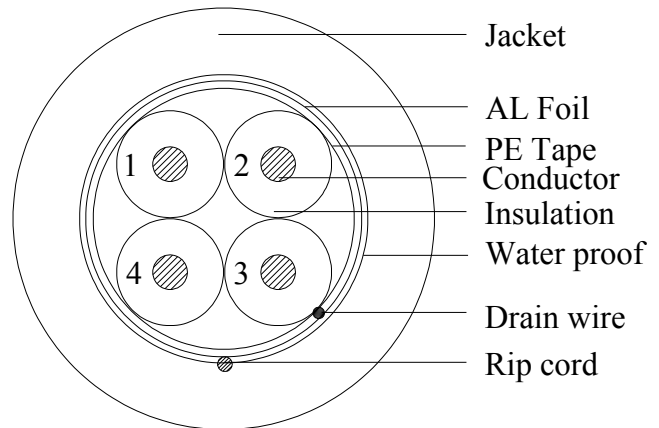
Structured Cable Products

Quality Installations Deserve Quality Products

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PRODUCT SPECIFICATIONS

PART#: 18/6SH-DB		DESCRIPTION: 6C/18 AWG BC STRANDED SHIELDED DIRECT BURIAL- BLACK- 1000 FT SPOOL			
Edition	A	Established Date	11/2012	Rev Date	2013/06/25
Approval	Richard	Checked	John	Finish	Jennifer



Standard:

UL 444 , NEC Article 760 & NEC Article 725

Application:

Security Cable for Outdoor

Construction Characters:

Conductor	Material	Stranded Bare Copper
	Size	18AWG X 6C
	Construction	16/0.254±0.004mm
Insulation	Material	PVC
	Min. Thickness	0.24mm
	AVG. Thickness	0.27mm
	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
	Filler	Water proof
Jacket	Material	LLDPE
	AVG. Thickness	0.60mm
Jacket	Min. Thickness	0.54mm
	Diameter	7.20±0.10mm
	Colors	Black



PRODUCT SPECIFICATIONS

Electrical & Physical Characters

rating		75°C 300V	
Conductor Resistance		Max 22.8ohm/km at 20°C	
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°C 168h)
		Elongation	80%(100°C 168h)
Jacket	Unaged	Tensile Strength	10.8 Mpa
		Elongation	300%
	Aged	Tensile Strength	9.2 Mpa(100°C 168h)
		Elongation	150%(100°C 168h)
Cold Bend Test		-20°C 4hours No Cracking	
Marking: STRUCTURED CABLE PRODUCTS --- P/N 18/6SH-DB --- 6 COND 18 AWG STRANDED SHIELDED PE JKT CMX OUTDOOR / DIRECT BURIAL -- 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
24.70	370X240X150X12	1000 ft/Spool	36