



# Structured Cable Products™

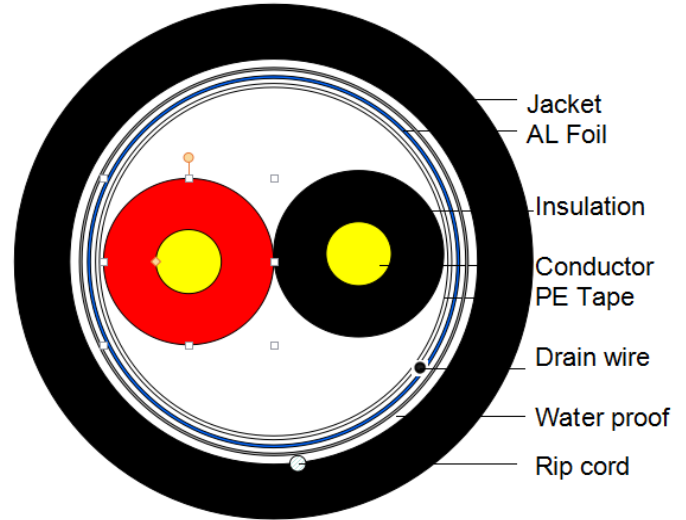
Quality Installations Deserve Quality Products

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**SCP PART#: 18/2SHDB**

DESCRIPTION: 2C/18AWG BC STRANDED SHIELDED  
 DIRECT BURIAL,WBT,LLDPE JKT

Standard: NEC Article 760 & NEC Article 725



**Construction Characteristics:**

Conductor	Material	Stranded Bare Copper
	Size	18AWG X 2C
	Construction	16/0.254+/-0.004mm
Insulation	Material	PVC
	Min.Thickness	0.24mm
	AVG.Thickness	0.26mm
	Diameter	1.70+/-0.05mm
Shield	Colors	Black & Red
	Core wrap	PE Tape
	Drain wire(TC)	7/0.20+/-0.004mm
	Shield	AL Foil
Jacket	Filler	Water proof
	Material	LLDPE
	AVG.Thickness	0.60mm
	Min.Thickness	0.54mm
	Diameter	5.40+/-0.20mm
	Rip Cord	Nylon
	Color	Black

**Electrical & Physical Characteristics:**

Operating Temperature Range		- 20°C + 70°C	
Conductor Resistance(18AWG)		Max 22.8ohm/km at 20°C	
Dielectric Strength		Min AC1.5KV	
Rated Voltage		Max 300Volts	
Insulation PVC	Unaged	Tensile Strength	13.8Mpa
		Elongation	100%
	Aged	Tensile Strength	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
Jacket	Unaged	Tensile Strength	9.8Mpa
		Elongation	100%
	Aged	Tensile Strength	9.2Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

**Marking:**

STRUCTURED CABLE PRODUCTS --- 18/2SHDB ---2 COND 18 AWG STRANDED  
 SHIELDED LLDPE JKT OUTDOOR/DIRECT BURIAL --- CE EU RoHS EC  
 ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 \*\*\*FEET

**Packaging:**

Approx.Wight(kg)	Approx.Dimension(mm)	Package	Packages per pallet
12.00	360X160X160	1000ft/Spool	54