



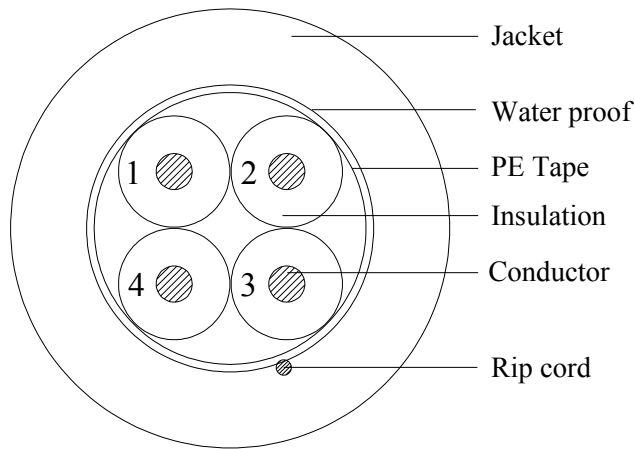
# Structured Cable Products

Quality Installations Deserve Quality Products

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## PRODUCT SPECIFICATIONS

SCP PART#: <b>16/4DB-500</b>		DESCRIPTION: 4C/16 AWG STRAND DIRECT BURIAL, WATER BLOCK TAPE, CMX, LLDPE JKT- BLACK- 500 FT SPOOL			
Edition	A	Established Date	11/2012	Rev Date	02/2014
Approval	Richard	Checked	John	Finish	Jennifer



### Standard:

UL 444 , NEC Article 760 & NEC Article 725

### Application:

Speaker Cable for Outdoor

### Construction Characters:

<b>Conductor</b>	Material	Stranded Bare Copper
	Size	16AWG X 4C
	Construction	65/0.16±0.004mm
<b>Insulation</b>	Material	PVC
	Min. Thickness	0.27mm
	AVG. Thickness	0.31mm
	Diameter	2.10±0.05mm
	Colors	Black & Red & White & Green
	Core wrap	PE Tape
	Filler	Water proof
<b>Jacket</b>	Material	LLDPE
	AVG. Thickness	0.60mm
	Min. Thickness	0.54mm
	Diameter	6.80±0.10mm
	Rip Cord	Nylon
	Colors	Black



PRODUCT SPECIFICATIONS

**Electrical & Physical Characters**

rating		75°C 300V	
Conductor Resistance		Max 15.5ohm/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	
<b>Marking:</b>			
STRUCTURED CABLE PRODUCTS --- P/N 16/4-DB --- 4 COND 16 AWG STRANDED 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			
<b>Packaging:</b>			
Approx. Weight(kg)	Approx. Dimension(mm)	package	Packages per Pallet
12.20	280X240X150X9	500 ft/Spool	64