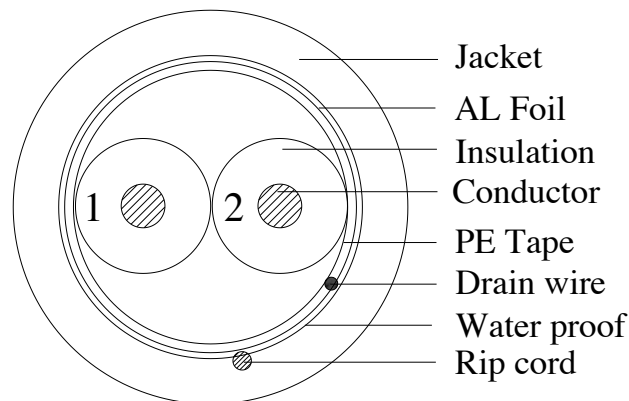


PRODUCT SPECIFICATIONS

SCP PART#: 14/2SHDB-500		DESCRIPTION: SHIELDED DIRECT BURIAL SPEAKER CABLE- 2C/14 AWG 105 STRAND OFC SHIELDED w/DRAIN- WBT, LLDPE JKT- BLACK- 500 FT SPOOL			
Edition:	B	Date:	2012/11/26	Rev Date:	2014/02/21
Approval:	Richard	Checked:	John	Finish:	Jennifer



**Regulatory:** UL 444 & UL 13, NEC Article 760 & NEC Article 725  
EU RoHS 2011/65/EU Compliant

**Application:** Speaker Cable

**Construction Characteristics:**

<b>Conductor</b>	Material	Stranded Bare Copper
	Size	14AWG X 2C (2.11mm <sup>2</sup> )
	Construction	105/0.16mm(0.0063")±0.004mm
<b>Insulation</b>	Material	PVC
	Min. Thickness	0.33mm(0.0130")
	AVG. Thickness	0.36mm(0.0142")
	Diameter	2.60mm(0.1024")±0.05mm
	Colors	Black & Red
<b>Shield</b>	Core wrap	PE Tape
	Drain wire	7/0.20mm(0.0008")±0.004mm
	Shield	AL Foil
	Filler	Water proof
<b>Jacket</b>	Material	LLDPE
	Min. Thickness	0.60mm(0.0236")
	AVG. Thickness	0.54mm(0.0213")
	Diameter	7.20mm(0.2835")±0.10mm
	Color	Black

## Electrical & Physical Characteristics:

Rating		75°C 300V	
Conductor Resistance		Max 9.2ohm/km at 20°C	
Insulation Resistance		Min 50MΩ·km at 20°C	
Dielectric Strength		Min AC1.5KV	
AC Leakage Current Through overall Jacket		AC 1500V ±10mA	
Twists per foot		2.5	
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 14/2SH-DB --- 2 COND 14 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			
<b>Packaging:</b>			
Approx. Weight(kg)	Approx. Dimension(mm)	package	Packages per Pallet
10.95	280X260X150X9	500 ft/ Spool	64/48
21.80	370X240X150X12	1000 ft/ Spool	36