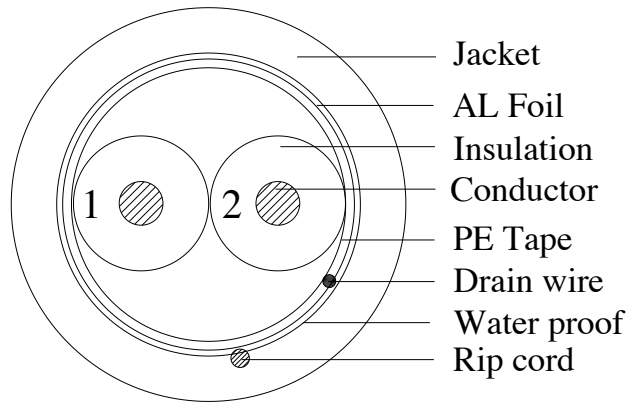




PRODUCT SPECIFICATIONS

PART#: 16/2SHDB-500		DESCRIPTION: SHIELDED DIRECT BURIAL SPEAKER CABLE- 2C/16 AWG 65 STRAND OFC, 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 for Outdoor

Construction Characteristics:

Conductor	Material	Stranded Bare Copper
	Size	16AWG X 2C (1.31mm ²)
	Construction	65/0.16mm(0.0063")±0.004mm
Insulation	Material	PVC
	Min. Thickness	0.27mm(0.0106")
	AVG. Thickness	0.31mm(0.0122")
	Diameter	2.10mm(0.0827")±0.05mm
Shield	Colors	Black & Red
	Core wrap	PE Tape
	Drain wire	7/0.20mm(0.0008")±0.004mm
	Shield	AL Foil
Jacket	Filler	Water proof
	Material	LLDPE
	AVG. Thickness	0.60mm(0.0236")
	Min. Thickness	0.54mm(0.0213")
	Diameter	6.30mm(0.2480")±0.10mm
	Color	Black

Electrical & Physical Characteristics:

Rating		75°C 300V	
Conductor Resistance		Max 15.5ohm/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		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	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 16/2SH-DB --- 2 COND 16 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
7.85	280X200X150X9	500 ft/Spool	80/64
15.50	370X170X150X12	1000 ft/Spool	45