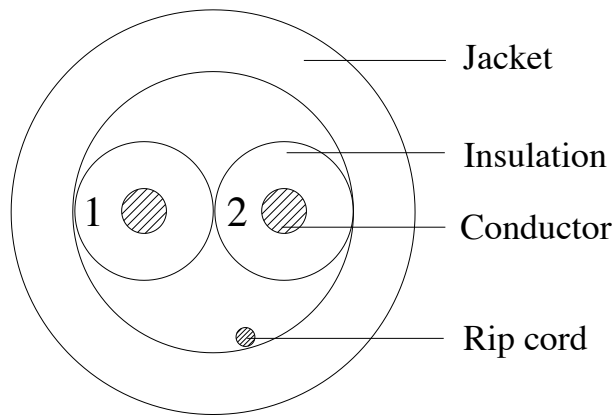




PRODUCT SPECIFICATIONS

PART#: 16/2OFC-LSZH-WT		DESCRIPTION: 2C/16 AWG 65 STRAND OXYGEN FREE COPPER SPEAKER CABLE, LOW SMOKE ZERO HALOGEN- IEC 60332-1 500FT/152M BOX- WHITE			
Edition:	B	Date:	2012/11/26	Rev Date:	2014/02/24
Approval:	Richard	Checked:	John	Finish:	Jennifer



**Regulatory:**

UL: UL 444, UL 1685

ISO/IEC: IEC 60332-1 Fire Requirements; IEC 61034 Smoke Requirements; IEC 60754 Toxicity and Acidity Requirements

ROHS: EU RoHS 2011/65/EU Compliant

**Construction Characteristics:**

<b>Conductor</b>	Material	Stranded Bare Copper
	Size	16AWG X 2C (1.31mm <sup>2</sup> )
	Construction	65/0.16mm(0.0063")±0.004mm
<b>Insulation</b>	Material	PVC
	Min. Thickness	0.27mm(0.0106")
	AVG. Thickness	0.31mm(0.0122")
	Diameter	2.10mm(0.0827")±0.05mm
	Colors	Black & Red
<b>Jacket</b>	Material	LSZH
	AVG. Thickness	0.50mm(0.0197")
	Min. Thickness	0.45mm(0.0177")
	Diameter	5.10mm(0.2008")±0.10mm
	Rip Cord	Nylon
	Color	Per request

## 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	
Mutual capacitance		< 9.8 nF/100M	
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	13.8 Mpa
		Elongation	150%
	Aged	Tensile Strength	11.7 Mpa(100°C 168h)
		Elongation	80%(100°C 168h)
Cold Bend Test		-20°C 4hours No Cracking	
<b>Marking:</b> STRUCTURED CABLE PRODUCTS --- P/N 16/20FC-LSZH --- 2 COND 16 AWG 65 STRAND OXYGEN FREE COPPER LOW SMOKE ZERO HALOGEN JKT IEC 60332-1 -- CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXM			
<b>Packaging:</b>			
Approx. Weight(kg)	Approx. Dimension(mm)	package	Packages per Pallet
7.15	280X240X300	500FT/152M Box	64/48