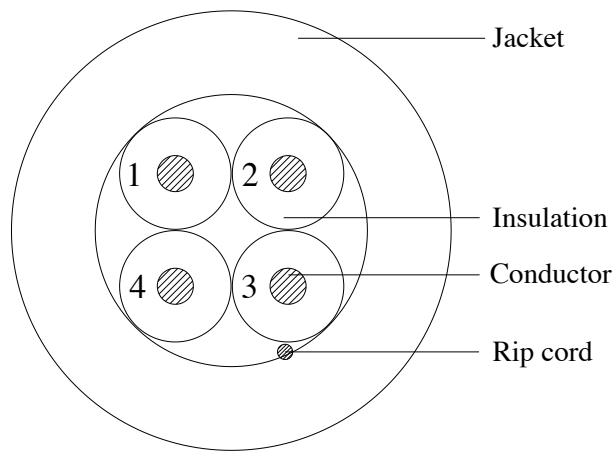




PRODUCT SPECIFICATIONS

PART#: 16/40FC-LSZH-WT		DESCRIPTION: 4C/16 AWG 65 STRAND OXYGEN FREE COPPER SPEAKER CABLE, LOW SMOKE ZERO HALOGEN- IEC60332-1 - WHITE JKT- 500FT/152M BOX			
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:

Conductor	Material	Stranded Bare Copper
	Size	16AWG X 4C (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
	Colors	Black & Red & White & Green
Jacket	Material	LSZH
	AVG. Thickness	0.60mm(0.0236")
	Min. Thickness	0.54mm(0.0213")
	Diameter	6.30mm(0.2480")±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		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	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	
Marking: STRUCTURED CABLE PRODUCTS --- P/N 16/40FC-LSZH --- 4 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			
Packaging:			
Approx. Weight(kg)	Approx. Dimension(mm)	package	Packages per Pallet
12.70	335X260X350	500FT/152M Box	36