

SCP PART#: SCP100-LSZH-BK

Description:

Type 100 75 Ohm Coax -
 18 AWG BC FPE, Dual Shield CU Foil/CU Braid,
 Low Smoke Zero Halogen Jacket

Regulatory:

EN 50575:2014 Reaction to Fire Class Eca
 IEC 60332-1-2
 IEC 61034-2
 BS/EN 50117
 IEC 60754
 CE, RoHS,

Application:

Coaxial Cable
 For all satellite and TV Aerial Installation



Construction Characteristics:

Conductor(RG6)	Material	Solid bare copper (BC)
	Construction	1/1.0+/-0.02mm
Insulation	Material	FPE
	Min.Thickness	1.60mm
	AVG.Thickness	1.79mm
	Diameter	4.60+/-0.10mm
	Colors	Natural
Shield	Foil	Copper foil
	Braiding Pitch(mm)	45
	Number Braiding	16x6/0.12
Jacket	Material	LSZH
	Diameter	6.6+/-0.20mm
	Colors	Black or White

Longitudinal Loss

ITEM	Attenuation MAX	Return Loss	Loss Min
Frequency MHZ	DB/100M	Frequency MHZ	DB/100M
5	1.60	5-30	23
50	4.60	30-470	23
100	6.50	470-862	20
200	9.50	862-2150	18
460	15.00	Screening Attenuation	
860	19.50	30-300	>85dB
1000	21.50	300-470	>80dB
1750	29.00	470-1000	>75dB
2150	32.50	1000-2150	>65dB
		Screening Attenuation following Flexing Test	
Flexing	<1%	30-300	>85dB
Static Bend Test	<1%	300-470	>80dB
Crush Resistance	<1%	470-1000	>75dB
		1000-2150	>65dB

Electrical & Physical Characteristics:

Operating Temperature Range	- 20°C + 70°C
Conductor Resistance(Inner)	Max 26 ohm/km at 20°C
Conductor Resistance(Outer)	Max 15 ohm/km at 20°C
Characteristic Impedance	75OHM+-3
Relative Propagation Velocity	85%
Capacitance	52pf/m+-3

Marking:

STRUCTURED CABLE PRODUCTS INC---SCP-100-LSZH--- 18AWG BC FPE DUAL SHIELD CU FOIL/CU BRAID
 75 OHM LSZH JKT BS/EN50117-1:2002 EN50575:2014 CE Eca EU ROHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXM

Packaging:

Approx.Wight(kg)	Approx.Dimension(mm)	Package	Packages per pallet
5.45	260x110x80	100m/Cardboard spool	128
8.40	270x110x180	152m/Cardboard spool	80
14.00	270x110x250	250m/Cardboard spool	48