

Lighting Multicore Cable, 5C&6C, 1.00 & 1.50mm² LSZH-HFFR Sheath

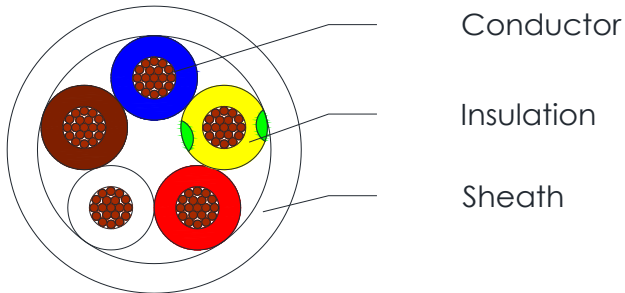


C5615, C5616, C5617, C5618

Applications

Multicore Low Smoke Halogen Free cable was originally designed for Lighting Cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire, Class 5
Insulation	LSZH-HFFR 5Core-Brown, Blue, Green/Yellow, Red, White 5Core-Brown, Blue, Black, Green/Yellow, Red, White
Cabling	Cores twisted together
Sheath	Halogen Free Fire Retardancy (LSZH-HFFR) Standard colour: White
Standard Put Up Length	305 meters

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

Lighting Multicore Cable, 5C&6C, 1.00 & 1.50mm² LSZH-HFFR Sheath



C5615, C5616, C5617, C5618

Physical Characteristics

Part Number	C5615	C5616	C5617	C5618
No of Cores	5	6	5	6
Conductor Size(mm ²)	1.00	1.00	1.50	1.50
Nom. Insulation thickness (mm)	0.70			
Nom. Overall Diameter(mm)	8.6	9.5	10.3	11.4
Operating Temperature (°C)	-5 to +70			
Min. Bend Radius (install)(mm)	52	57	62	68
Nominal Cable Weight (kg/km)	120	150	174	212

Electrical Characteristics at 20°C

Part Number	C5615	C5616	C5617	C5618
No of Cores	5	6	5	6
Nom. DC Resistance Conductor (Ω/km)	18.4	18.4	12.3	12.3
Max. Operating Voltage U0/U (Vrms)	300/500			

Reference Standards

EN 50525-3-11, EN 50363-7, EN 50363-8	EN 60332-1-2, EN 50265-2-1
EN 60754-1&-2, EN 50267-2-1	EN 50575:2014+A1:2016
RoHS directives	