

# LSZH-HFFR Single Core Cable

## H07Z-R 450/750V

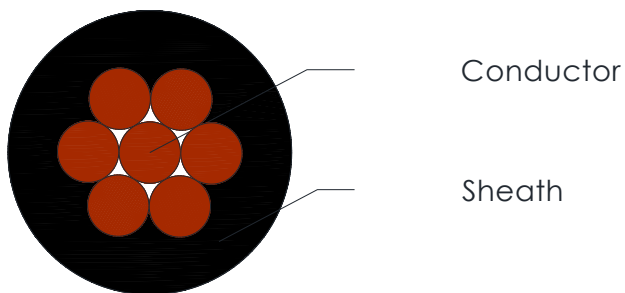


C5297, C5298, C5299, C5300

### Applications

Single core LSZH-HFFR sheathed cable for lighting network, switchgear, control gear and for internal wiring.

### Cross Section Drawing



### Design

Unit	Properties
Conductor	Stranded Bare Copper wire
Sheath Material	Halogen Free Fire Retardancy (LSZH-HFFR) Colour: Blue, Grey, White, Orange, Green, Red, Black, Yellow/Green
Standard Put Up Length	100 or 500 meters

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

# LSZH-HFFR Single Core Cable

## H07Z-R 450/750V



C5297, C5298, C5299, C5300

### Physical Characteristics

Part Number	C5297	C5298	C5299	C5300
Cross section (mm <sup>2</sup> )	0.5 (7/0.30)	1.0 (7/0.42)	1.5 (7/0.53)	2.5(7/0.67)
Nom. Conductor diameter (mm)	0.90	1.26	1.59	2.01
Nom. Radial Thickness Insulation (mm)	0.75	0.75	0.75	0.75
Nom. Overall Diameter (mm)	2.40	2.76	3.10	3.51
Operating Temperature (°C)	-15 to +70			
Installation Temperature (°C)	0 to +60			
Min. Bend Radius (install) (mm)	7.2	8.30	9.3	10.5
Nominal Cable Weight (kg/km)	10.0	15.6	22.0	32.0

### Electrical Characteristics (at 20°C)

Part Number	C5297	C5298	C5299	C5300
Max. DC Resistance Conductor (Ω/km)	39.7	18.4	12.1	7.41
Max. recommended current at 25°C (Amps)	10.0	15.0	17.5	25.0
Max. Operating Voltage (Vrms)	450/750			

### Reference Standards

BS 6004	IEC 60754-1&-2
EN 50265	IEC 61034-2
IEC 60332-3-24	RoHS Directives