

2XRH FE I 80 Cable

Silicone Rubber Insulated, SWB, LSZH Sheath

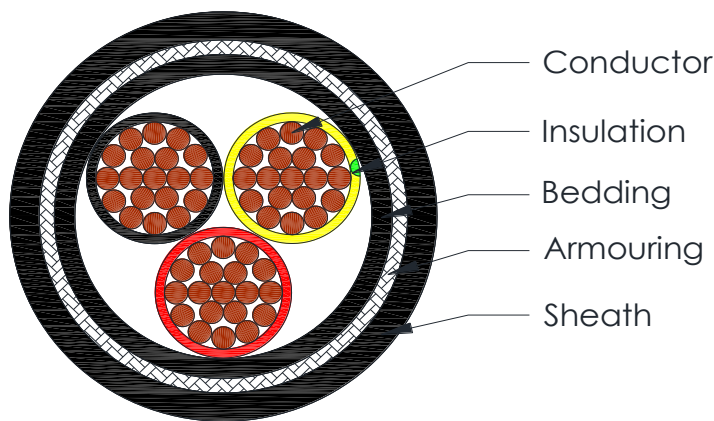


C6 I 46, C6 I 47, C6 I 48

Applications

Low Voltage 2XRH cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Silicone Rubber Colour 3C: Red and Black and Yellow/Green
Bedding	Halogen Free Flame-Retardant (HFFR/LSZH)
Armouring	Galvanized Steel Wire Braid
Sheath Material	UV-Resistant Halogen Free Flame-Retardant (HFFR/LSZH) Colour: Black
Standard Put Up Length	305 metres

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

2XRH FE180 Cable

Silicone Rubber Insulated, SWB, LSZH Sheath



C6146, C6147, C6148

Physical Characteristics

Part Number	C6146	C6147	C6148
No of Cores x Conductor Size (mm ²)	2 x 2.5	3 x 6.0	3 x 25
Nom. Diameter Conductor (mm)	19 x 0.40	19 x 0.63	19 x 1.29
Nom. Radial Thickness Insulation (mm)	0.70	0.70	0.90
Nom. Radial Thickness Bedding (mm)	1.20		
Nom. Steel Wire Diameter (mm)	0.30		
Min. SWB Braiding Coverage (%)	80		
Nom. Radial Thickness Sheath (mm)	1.24		
Nom. Overall Diameter (mm)	16.0	19.0	28.0
Operating Temperature (°C)	-20 to +75		
Min. Bend Radius (install) (mm)	161	188	282
Max. Pulling Force (N)	250	900	3750
Nominal Cable Weight (kg/km)	370	570	1510

Electrical Characteristics at 20°C

Part Number	C6146	C6147	C6148
No of Cores x Conductor Size (mm ²)	2 x 2.5	3 x 6.0	3 x 25
Max. DC Resistance Conductor (Ω/km)	7.98	3.30	0.78
Rated Voltage (U ₀ /U)(V)	600/1000		

Reference Standards

IEC 60332-3-22	IEC 61034
IEC 60754-1&-2	IEC 60502-1
RoHS directives	IEC 60331-21 FE180