

# 2XRH Cable

## XLPE Insulated, SWB, LSZH Sheath

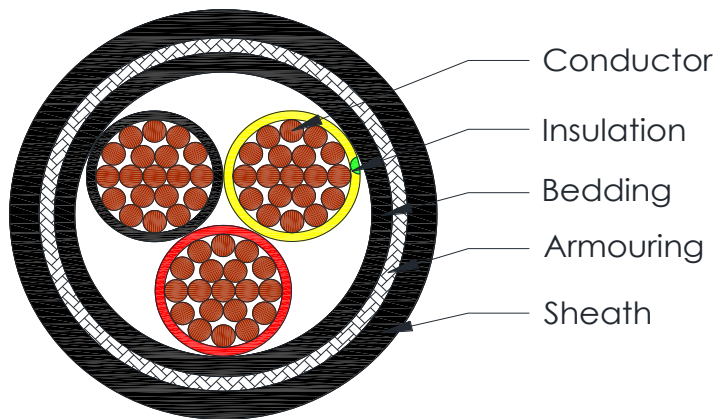


C5988, C5989, C5990, C5991

### Applications

Low Voltage 2XH cable.

### Cross Section Drawing



### Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	XLPE 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.

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C5988, C5989, C5990, C5991

#### Physical Characteristics

Part Number	C5988	C5989	C5990	C5991
No of Cores x Conductor Size (mm <sup>2</sup> )	3 x 2.5	3 x 6.0	3 x 10	3 x 25
Nom. Diameter Conductor (mm)	19 x 0.40	19 x 0.63	19 x 0.81	19 x 1.29
Nom. Radial Thickness Insulation (mm)	0.70	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)	14.0	16.0	18.0	26.0
Operating Temperature (°C)	-20 to +75			
Min. Bend Radius (install) (mm)	142	162	182	259
Max. Pulling Force (N)	375	900	1500	3750
Nominal Cable Weight (kg/km)	320	470	640	1380

#### Electrical Characteristics at 20°C

Part Number	C5988	C5989	C5990	C5991
No of Cores x Conductor Size (mm <sup>2</sup> )	3 x 2.5	3 x 6.0	3 x 10	3 x 25
Max. DC Resistance Conductor (Ω/km)	7.98	3.30	1.91	0.78
Rated Voltage (U <sub>0</sub> /U)(V)	600/1000			

#### Reference Standards

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