

2XH Cable

XLPE Insulated, LSZH Sheath

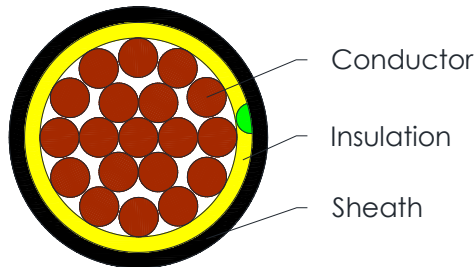


C I 549, C5888, C5889, C5890, C589 I

Applications

Low Voltage 2XH cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	XLPE Colour 1C: Yellow/Green 2C: Red and Black 3C: Red and Black and Yellow/Green 4C: Red and Blue and Black and Yellow/Green
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.

2XH Cable

XLPE Insulated, LSZH Sheath



C1549, C5888, C5889, C5890, C5891

Physical Characteristics

Part Number	C5888	C1549	C5889	C5890	C5891
No of Cores x Conductor Size (mm ²)	1 x 25	1 x 35	3 x 2.5	3 x 6.0	3 x 10
Nom. Diameter Conductor (mm)	19 x 1.29	19 x 1.53	19 x 0.40	19 x 0.63	19 x 0.81
Nom. Radial Thickness Insulation (mm)	0.90	1.2	0.70	0.70	0.70
Nom. Radial Thickness Sheath (mm)	1.2				
Nom. Overall Diameter (mm)	11.0	12.5	10.0	12.5	14.5
Operating Temperature (°C)	-20 to +75				
Min. Bend Radius (install) (mm)	115	125	120	141	161
Max. Pulling Force (N)	1250	1750	375	900	1500
Nominal Cable Weight (kg/km)	300	416	200	330	490

Electrical Characteristics at 20°C

Part Number	C5888	C1549	C5889	C5890	C5891
No of Cores x Conductor Size (mm ²)	1 x 25	1 x 35	3 x 2.5	3 x 6.0	3 x 10
Max. DC Resistance Conductor (Ω/km)	0.78	0.54	7.98	3.30	1.91
Rated Voltage (U0/U)(V)	600/1000				

Reference Standards

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