

2XH FE 180 Cable

Mica Tape, XLPE Insulated, LSZH Sheath

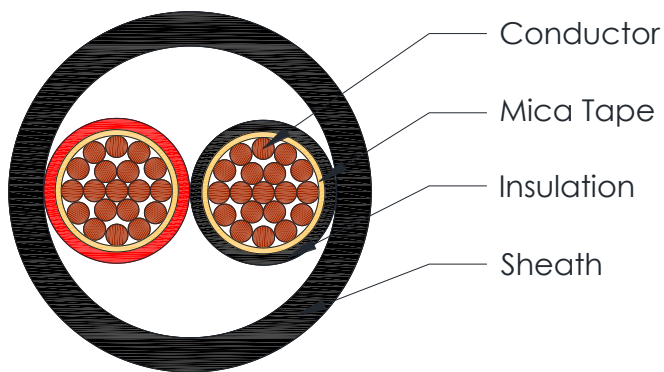


C5892

Applications

Low Voltage 2XH FE 180 cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Wrapping Tape	Mica Tape
Insulation	XLPE Colour: Red and Black
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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Physical Characteristics

Part Number	C5892
No of Cores x Conductor Size (mm ²)	2 x 1.5
Nom. Diameter Conductor (mm)	19 x 0.31
Nom. Radial Thickness Insulation (mm)	0.70
Nom. Radial Thickness Sheath (mm)	1.24
Nom. Overall Diameter (mm)	13.0
Operating Temperature (°C)	-20 to +75
Max. Pulling Force (N)	150
Min. Bend Radius (install) (mm)	127
Nominal Cable Weight (kg/km)	190

Electrical Characteristics at 20°C

Part Number	C5892
Max. DC Resistance Conductor (Ω /km)	13.3
Rated Voltage (U ₀ /U)(V)	600/1000

Reference Standards

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