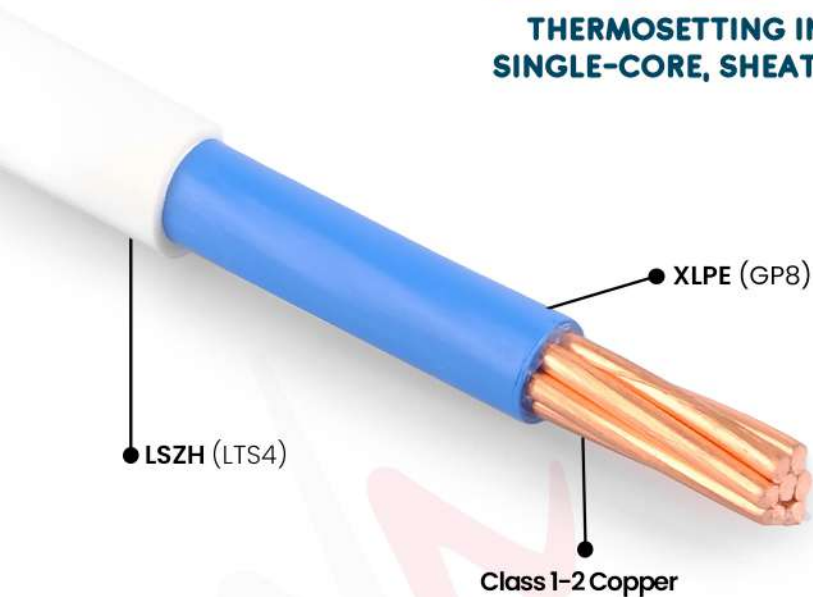


6181B

THERMOSETTING INSULATED,
SINGLE-CORE, SHEATHED CABLES



TYPE: 6181B

STANDARDS: BS 7211:2012+A1:2020

TECHNICAL DATA:

Max. Operating Temperature: +90°C

Rated Voltage: 450/750 V

Declared Performance:

Dca (EN 50575:2014/A1:2016)

Low Smoke Zero Halogen according to IEC/EN 60754-1/2,
IEC/EN 61034-2 Flame Retardant according to IEC/EN 60332-1-2

CONSTRUCTION:

CONDUCTOR

EN 60228 Class 1-2 Copper

INSULATION

XLPE (GP8)

SHEATH

LSZH (LTS4)

APPROVALS:



PRODUCT MARKING LICENCE NO. 175001

6181B

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
6181B				
1x1	4.1	16	18.1	25
1x1.5	4.3	23	12.1	32
1x2.5	4.7	31	7.41	46
1x4	5.7	42	4.61	65
1x6	6.3	54	3.08	90
1x10	7.1	75	1.83	120
1x16	8.3	100	1.15	180
1x25	10.3	133	0.727	285
1x35	11.5	164	0.524	350
1x50	13.1	198	0.387	524
1x70	14.7	253	0.268	713
1x95	17.3	305	0.193	1000
1x120	18.6	354	0.153	1233
1x150	20.8	393	0.124	1537
1x185	22.9	449	0.0991	1870
1x240	25.6	528	0.0754	2420

APPLICATION

Used as surface wiring where there is little mechanical damage risk, or in conduit. Provides durability up to +90 degrees Low smoke emission in case of fire.



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



CORE IDENTIFICATION

1 Core: Blue or Brown

Sheath Color: White

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