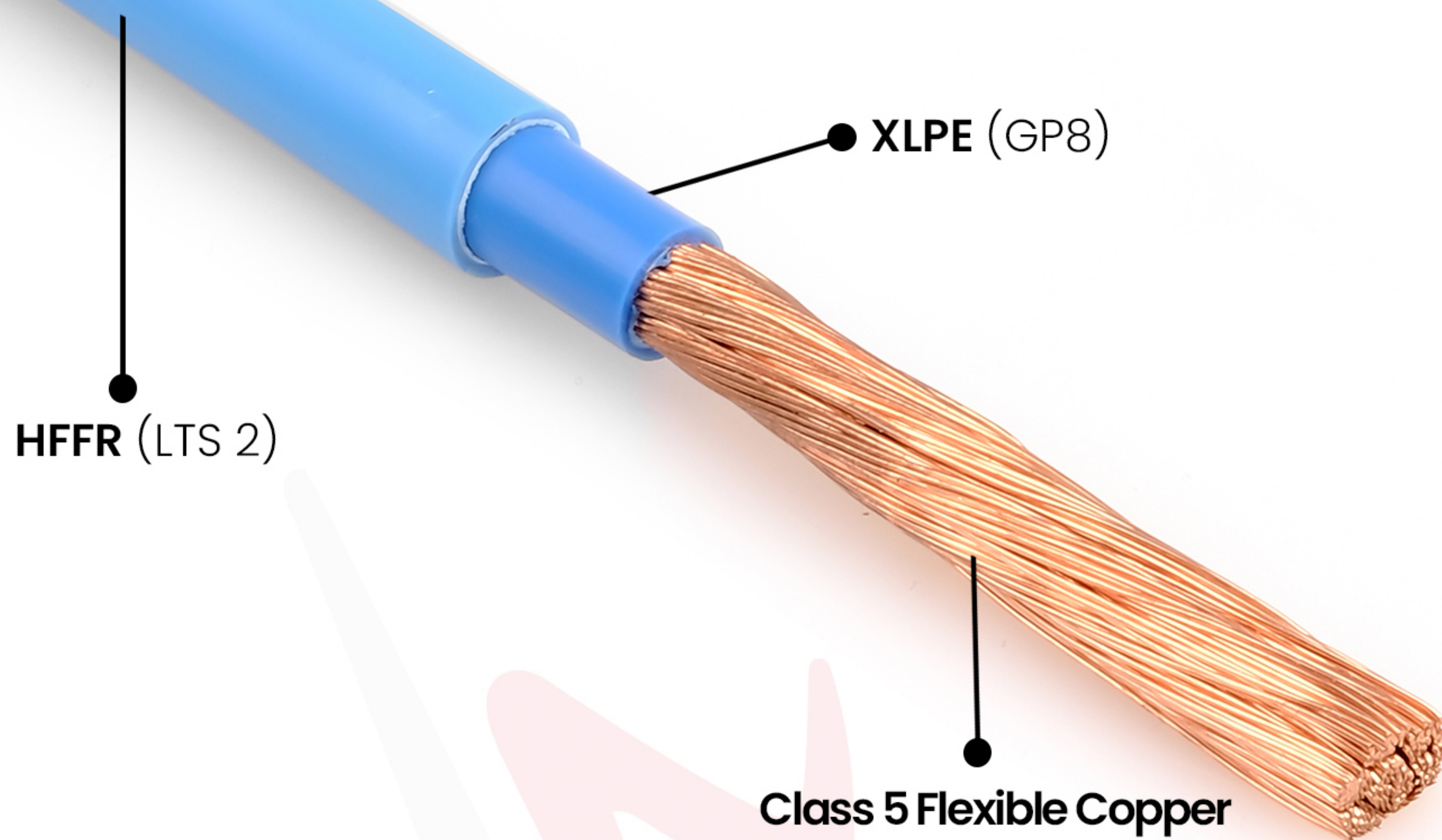


6381B

DOUBLE INSULATED FLEXIBLE LSZH
(LOW SMOKE ZERO HALOGEN) CABLE



TYPE: 6381B

STANDARDS: GEN TO BS 7211:2012+A1:2020 /
IEC 60502-1:2021

TECHNICAL DATA:

Max. Operating Temperature: -5°C to +90°C

Rated Voltage:

450/750 V : 1.5 mm² to 35 mm²

600/1000 V : 50 mm² to 240 mm²

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

BS 60228 Class 5 Flexible Copper

INSULATION

XLPE (GP8)

SHEATH

HFFR (LTS 2)

UK
CA CE



6381B

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
6381B				
1 x 1.5	4.5	27	13.3	31
1 x 2.5	4.9	35	7.98	41
1 x 4	5.7	47	4.95	58
1 x 6	6.2	59	3.3	82
1 x 10	7.2	81	1.91	121
1 x 16	8.2	107	1.21	177
1 x 25	10.3	144	0.78	266
1 x 35	11.5	176	0.554	363
1 x 50	14	214	0.386	530
1 x 70	16.3	270	0.272	720
1 X 95	18.2	334	0.206	965
1 X 120	20.4	389	0.161	1185
1 X 150	22.1	446	0.129	1470
1 x 185	24.3	513	0.106	1792
1 x 240	27.7	621	0.0801	2297

APPLICATION

Power applications where flexibility is required. 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

Core Color: Grey, Brown, Blue or Any Color

Sheath Color: Grey, Brown, Blue or Any Color