

6242B / 6243B

FLAT TWIN AND EARTH LSZH CABLE

LSZH (LTS2)

XLPE (GP8)

Class 1-2 Copper



TYPE: 6242B / 6243B

STANDARDS: BS 7211:2012+A1:2020

TECHNICAL DATA:

Max. Operating Temperature: + 90 °C

Rated Voltage: 300/500 V

Declared Performance:

Dca-sla,d2,ai (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 (LTS2)

APPROVALS:



6242B / 6243B

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
2 x 1.0 + 1	4.3 x 8.0	15	18.1	60
2 x 1.5 + 1	4.7 x 8.5	21	12.1	76
2 x 2.5 + 1.5	5.2 x 9.8	28	7.41	108
2 x 4 + 1.5	6.0 x 11.3	39	4.61	148
2 x 6 + 2.5	6.75 x 13.0	49	3.08	205
2 x 10 + 4	7.8 x 15.8	68	1.83	315
2 x 16 + 6	9.2 x 18.7	95	1.15	471
3 x 1+1	4.4 x 10.7	15	18.1	84
3 x 1.5+1	4.7 x 11.4	21	12.1	109
3 x 2.5+1.5	5.2 x 13.0	28	7.41	145
3 x 4+1.5	6.0 x 15.2	39	4.61	206
3 x 6+2.5	6.7 x 17.5	49	3.08	298
3 x 10+4	7.8 x 21.3	68	1.83	447
3 x 16+6	9.2 x 25.3	95	1.15	678

APPLICATION

Installation in walls, on boards and in channels or embedded in plaster. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment. 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

2 Cores : Brown and Blue or for 2 x 1.0 and 2 x 1.5 cables, Brown and Brown
3 Cores : Brown, Black (Centre Core), and Grey

Sheath Color : White