



APPLICATION

LSZH (Low Smoke Zero Halogen) electronic cables are used for connection and signal transfer in measuring and control equipment. For indoor installation in dry and wet rooms, for installation under plaster.

CHARACTERISTICS

Voltage Rating

250/250V

Temperature Rating

Fixed: -40°C to +70°C

Flexed: +5°C to +70°C

Minimum Bending Radius

Fixed: 7.5 x overall diameter

CONSTRUCTION

Conductor

Generally to Class 5 fine-stranded copper conductor

Insulation

LSZH (Low Smoke Zero Halogen)

Sheath

LSZH (Low Smoke Zero Halogen)

Core Identification

Core 1: White	Core 14: Brown/Green
Core 2: Brown	Core 15: White/Yellow
Core 3: Green	Core 16: Yellow/Brown
Core 4: Yellow	Core 17: White/Grey
Core 5: Grey	Core 18: Grey/Brown
Core 6: Pink	Core 19: White/Pink
Core 7: Blue	Core 20: Pink/Brown
Core 8: Red	Core 21: White/Blue
Core 9: Black	Core 22: Brown/Blue
Core 10: Violet	Core 23: White/Red
Core 11: Grey/Pink	Core 24: Brown/Red
Core 12: Red/Blue	Core 25: White/Black
Core 13: White/Green	

Outer Sheath Colour

Grey

STANDARDS

IEC/EN 60754-1/2, IEC/EN 61034-1/2

Flame Retardant according to IEC/EN 60332-1-2

DIMENSIONS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
2	0.14	3.3	13
2	0.25	3.6	20
2	0.34	4.3	26
2	0.5	4.5	30
2	0.75	5.2	40
2	1	5.8	50
2	1.5	7	59
3	0.14	3.5	16
3	0.25	3.8	23
3	0.34	4.5	30
3	0.5	4.8	36
3	0.75	5.5	54
3	1	6.1	57
3	1.5	7.4	72
4	0.14	3.7	18
4	0.25	4.1	27
4	0.34	4.8	38
4	0.5	5.2	44
4	0.75	6.1	60
4	1	6.6	67
4	1.5	8	87
5	0.14	4.1	22
5	0.25	4.5	32
5	0.34	5.3	44
5	0.5	6.1	57
5	0.75	6.7	73
5	1	7.5	82
6	0.14	4.2	25
6	0.25	4.9	39
7	0.14	4.4	26
7	0.25	5	41
7	0.34	6.1	59
7	0.5	6.4	71
7	0.75	7.3	91
8	0.14	4.8	30
8	0.25	6.4	50
8	0.34	6.2	65
10	0.14	5.5	36
10	0.25	6.3	58
10	0.34	7.7	80
10	0.5	8.3	101
10	0.75	9.5	137

12	0.14	6.1	44
12	0.25	6.5	66
12	0.34	7.9	94
12	0.5	8.6	117
12	0.75	10.2	166
15	0.14	6.5	57
15	0.25	7.3	80
15	0.34	8.8	115
15	0.5	9.5	145
16	0.25	7.4	85
18	0.14	6.9	65
18	0.25	7.9	95
18	0.34	9.6	135
18	0.5	10.5	171
20	0.14	7.8	73
21	0.14	7.9	76
21	0.25	8.6	105
21	0.34	10.4	154
21	0.5	11.3	197
25	0.14	8.3	90
25	0.25	9.2	130
25	0.34	11.4	180
25	0.5	12.4	230

More types on enquiry