



APPLICATION

For signal transmission between electronic devices, in computer systems or process control units with requirements to electromagnetic compatibility.

CHARACTERISTICS

Voltage Rating

250V

Temperature Rating

Fixed: -30°C to +70°C

Minimum Bending Radius

Fixed: 7.5 x overall diameter

Fixed: 15 x overall diameter

CONSTRUCTION

Conductor

Generally to Class 5 flexible stranded copper

Insulation

LSZH (Low Smoke Zero Halogen)

Screen

TCWB (Tinned Copper Wire Braid)

Outer 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	

Sheath Colour

Grey

STANDARDS

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

Flame Retardant according to: IEC/EN 60332-1

DIMENSIONS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
2	0.14	4.1	22
2	0.25	4.7	24
2	0.34	5.1	30
2	0.5	5.8	38
2	0.75	6.2	45
2	1	6.5	72
2	1.5	7.7	90
3	0.14	4.3	25
3	0.25	4.9	29
3	0.34	5.3	33
3	0.5	6.1	47
3	0.75	6.5	60
3	1	7	90
3	1.5	8.1	115
4	0.14	4.5	28
4	0.25	5.2	35
4	0.34	5.9	59
4	0.5	6.5	62
4	0.75	7.2	92
4	1	7.5	109
4	1.5	8.7	153
5	0.14	4.8	32
5	0.25	5.8	41
5	0.34	6.4	56
5	0.5	7.2	76
5	0.75	7.8	97
5	1	8.2	126
5	1.5	9.5	176
6	0.14	5.1	35
6	0.25	6.2	49
6	0.34	7	59
6	0.5	7.8	84
7	0.14	5.2	39
7	0.25	6.3	51
7	0.34	7.1	75
7	0.5	7.9	86
7	0.75	8.5	120
7	1	8.8	171
7	1.5	10.7	220
8	0.14	6	41
8	0.25	7.3	58

8	0.34	8	84
8	0.5	8.9	135
10	0.14	6.4	54
10	0.25	7.7	81
10	0.34	8.9	106
10	0.5	9.5	129
10	0.75	10.7	169
12	0.14	6.8	74
12	0.25	7.9	117
12	0.34	9.1	133
12	0.5	9.8	148
12	0.75	11.1	196
16	0.14	7.2	90
16	0.25	8.6	124
16	0.34	9.6	160
25	0.14	9.4	135
25	0.25	10.9	161
25	0.34	12.5	232
18	0.5	11.7	210
18	0.75	12.7	327
25	0.5	13.9	319
25	0.75	15.5	454