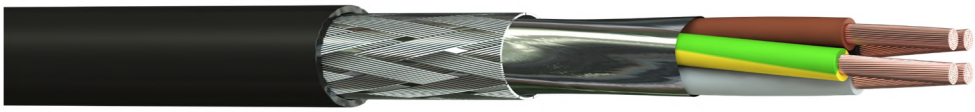
RiserShield Dual Screened 0.6/1kV LSHF Black
Technical Datasheet

Description: Multicore Dual Screened Power, Signal & Control Cable, Low Smoke Halogen Free (LSHF) Throughout Black Sheath.



Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Low Smoke Halogen Free (LSHF)
Overall Screen 1	: Aluminium Foil (100% Coverage)
Overall Screen 2	: Tinned Copper Wire Braid (≥ 70% Coverage)
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Black
Core Identification	: 2core – Brown, Blue 3core – Brown, Blue, Green/Yellow
	: 4core – Brown, Black, Grey, Green/Yellow
	: 5core – Brown, Black, Grey, Blue, Green/Yellow
	: 7core & Above – Black Numbers Core + Green/Yellow

Electrical Characteristics

Conductor Resistance	: BS EN 60228
Insulation Resistance	: 200 MΩ.M
Working Voltage	: 0.6/1kV
Test Voltage (AC)	: 2000V

Physical Characteristics

Bend Radius	: Flexing 10 x OD
	Static 7.5 x OD
Temperature Rating	: Flexing -15°C to +90°C
	Static -25°C to +90°C

Standards

Flame Retardant	: BS EN 60332-1-2
Low Smoke Generation	: BS EN 61034-2
Halogen Gas Emission	: BS EN 60754-1&2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)

Part No.	Cores x mm²	Weight kg/km	OD mm
42600702	2 x 0.75	105	7.9
42600703	3 x 0.75	111	8.4
42600704	4 x 0.75	132	9.0
42600705	5 x 0.75	149	9.8
42600707	7 x 0.75	215	10.9
42601002	2 x 1.0	126	9.1
42601003	3 x 1.0	141	9.6
42601004	4 x 1.0	167	10.2
42601005	5 x 1.0	196	11.4
42601007	7 x 1.0	282	12.1

Part No.	Cores x mm²	Weight kg/km	OD mm
42601502	2 x 1.5	149	9.5
42601503	3 x 1.5	173	9.8
42601504	4 x 1.5	191	10.4
42601505	5 x 1.5	216	12.5
42601507	7 x 1.5	314	13.5
42602502	2 x 2.5	206	10.3
42602503	3 x 2.5	263	10.8
42602504	4 x 2.5	299	12.0
42602505	5 x 2.5	329	14.0
42602507	7 x 2.5	471	15.5

Part No.	Cores x mm²	Weight kg/km	OD mm
42604003	3 x 4.0	295	13.8
42604004	4 x 4.0	376	14.9
42604005	5 x 4.0	483	16.2
42606003	3 x 6.0	390	15.6
42606004	4 x 6.0	459	16.4
42606005	5 x 6.0	597	17.7
42610003	3 x 10	882	19.2
42610004	4 x 10	1049	20.4

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