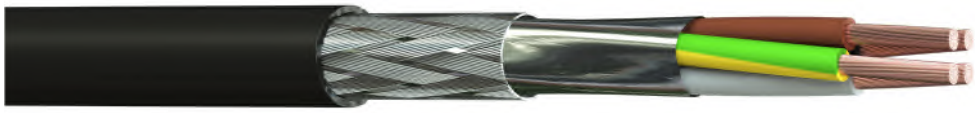
RiserShield Dual Screened 0.6/1kV LSHF Black
Technical Datasheet

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



UV+ WEATHER RESISTANT ISO 4892-3

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)
*UV & Weather Resistant	: ISO 4892-3

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

FS Cables
Shoal Export

01727 840 841
+44 1727 849 841

sales@fscables.com
sales@shoal-export.com

www.fscables.com
www.shoal-export.com

Date: 31/08/2023
Revision: 1.0
Author: SK Checked: SK

Information and images on this techincal datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to amend the product information without notice or liability.