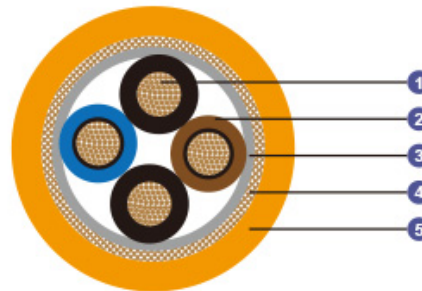


0.6/1 kV Fire Barriers + HEPR Insulated, LSOH (SHF1) Sheathed, Screened Fire Resistant Power & Control Cables (Multicore)



Application	These cables are used for fixed installations on ships and offshore units in all locations and on open deck in safety circuits, where fire resistance is required. The good screening qualities of the copper braid also reduce radio interference and electrical influences to electronics installations. These cables are fire resistant, flame retardant, low smoke & halogen free.
Standards	DIN 89160/98 IEC 60092-353 IEC 60331-21 IEC 60332-1 IEC 60332-3-22 IEC 60754-1/2 IEC 61034
Construction	
Conductors	Class 2 stranded copper conductor.
Insulation	Fire barriers + HEPR.
Inner Covering	Lapping or extruded filler.
Overall Screen	Copper wire braid.
Outer Sheath	LSOH (SHF1).
Core Identification	Two cores: Black, Blue. Three cores: Black, Blue, Brown. Four cores: Black, Blue, Brown, Black. Five cores: Black, Blue, Brown, Black, Black. Multi cores: All cores natural coloured, printed with numbers, starting in center with number 1. Cables with 3 cores and more also with green/yellow core (has to be stated in order).
Mechanical and Thermal Properties	Bending Radius for Fixed Installations: 6×OD Temperature Range: -20°C ~ +75°C

Dimensions and Weight

Part No.	Construction No. of cores×Cross section(mm²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
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M092-FR0.6/1KV-1mG7MH-R-2C1.5	2x1.5	0.7	1.2	12.5	210
M092-FR0.6/1KV-1mG7MH-R-2C2.5	2x2.5	0.7	1.2	13.0	250
M092-FR0.6/1KV-1mG7MH-R-2C4	2x4	0.7	1.3	14.0	300
M092-FR0.6/1KV-1mG7MH-R-2C6	2x6	0.7	1.3	16.0	410
M092-FR0.6/1KV-1mG7MH-R-2C10	2x10	0.7	1.4	18.0	550
M092-FR0.6/1KV-1mG7MH-R-2C16	2x16	0.7	1.5	20.0	720
M092-FR0.6/1KV-1mG7MH-R-2C25	2x25	0.9	1.6	23.5	1050
M092-FR0.6/1KV-1mG7MH-R-3C1.5	3x1.5	0.7	1.2	13.0	230
M092-FR0.6/1KV-1mG7MH-R-3C2.5	3x2.5	0.7	1.2	14.0	280
M092-FR0.6/1KV-1mG7MH-R-3C4	3x4	0.7	1.3	15.0	350
M092-FR0.6/1KV-1mG7MH-R-3C6	3x6	0.7	1.3	16.5	480
M092-FR0.6/1KV-1mG7MH-R-3C10	3x10	0.7	1.4	19.0	670
M092-FR0.6/1KV-1mG7MH-R-3C16	3x16	0.7	1.5	21.0	870
M092-FR0.6/1KV-1mG7MH-R-3C25	3x25	0.9	1.7	24.5	1300
M092-FR0.6/1KV-1mG7MH-R-3C35	3x35	0.9	1.8	27.0	1680
M092-FR0.6/1KV-1mG7MH-R-3C50	3x50	1.0	2.1	30.5	2190
M092-FR0.6/1KV-1mG7MH-R-3C70	3x70	1.1	2.0	35.0	3020
M092-FR0.6/1KV-1mG7MH-R-3C95	3x95	1.1	2.3	39.5	4050
M092-FR0.6/1KV-1mG7MH-R-3C120	3x120	1.2	2.5	44.0	5000
M092-FR0.6/1KV-1mG7MH-R-4C1.5	4x1.5	0.7	1.2	13.5	270

M092-FR0.6/1KV-1mG7MH-R-4C2.5	4x2.5	0.7	1.3	15.0	330
M092-FR0.6/1KV-1mG7MH-R-4C4	4x4	0.7	1.3	16.5	460
M092-FR0.6/1KV-1mG7MH-R-4C6	4x6	0.7	1.4	18.0	560
M092-FR0.6/1KV-1mG7MH-R-4C10	4x10	0.7	1.5	20.5	790
M092-FR0.6/1KV-1mG7MH-R-4C16	4x16	0.7	1.6	23.0	1090
M092-FR0.6/1KV-1mG7MH-R-4C25	4x25	0.9	1.8	27.0	1630
M092-FR0.6/1KV-1mG7MH-R-5C1.5	5x1.5	0.7	1.3	14.5	320
M092-FR0.6/1KV-1mG7MH-R-5C2.5	5x2.5	0.7	1.3	16.5	440
M092-FR0.6/1KV-1mG7MH-R-7C1.5	7x1.5	0.7	1.3	16.5	400
M092-FR0.6/1KV-1mG7MH-R-10C1.5	10x1.5	0.7	1.3	19.5	450
M092-FR0.6/1KV-1mG7MH-R-12C1.5	12x1.5	0.7	1.4	20.0	510
M092-FR0.6/1KV-1mG7MH-R-14C1.5	14x1.5	0.7	1.4	21.0	570
M092-FR0.6/1KV-1mG7MH-R-16C1.5	16x1.5	0.7	1.4	22.0	640
M092-FR0.6/1KV-1mG7MH-R-19C1.5	19x1.5	0.7	1.5	23.5	730
M092-FR0.6/1KV-1mG7MH-R-24C1.5	24x1.5	0.7	1.6	27.0	910