

MarineFlex YOZp 0,6/1 kV

21-10-2019

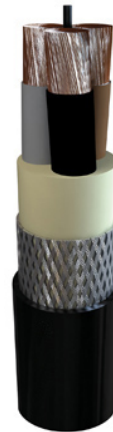
Properties

Application:

Lightweight, armoured, flexible low voltage power cables for power and lighting applications in all ship areas.

Characteristics:

- Class 5 conductors
- Easy installation in tight spaces due to flexible conductors
- Halogen free and low smoke, flame retardant
- Tinned copper wire braid armouring
- Excellent abrasion resistance
- Different colour outer sheaths, other than black, available on request



Core identification:

- HD308 S2

Specifications

Product group	Power cable ≥ 1 kV, for permanent installation
Type	MarineFlex YOZp 0,6/1 kV
Standardization	IEC 60092-350/-360/-353
Conductor material	Copper
Conductor surface	Bare
Standardization conductor material	IEC 60228
Conductor category	Class 5 = flexible
Core insulation	XLPE (VPE)
Screening	Yes
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Colour outer sheath	Black
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Low smoke	IEC 61034-2
Permitted cable outer temperature, in movement	-20 / 70 °C



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Specifications

Permitted cable outer temperature, fixed	-40 / 70 °C
Max. conductor temperature	90 °C
Nominal voltage U0	0.6 kV
Nominal voltage U	1 kV
Test voltage	3500 kV

44 products

Part number	Construction G=Y/G	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16483	3 x 16 mm ²	Round	Black	0,898		20,9	720
16485	4 x 16 mm ²	Round	Black	1,112		22,9	960
16487	2 x 25 mm ²	Round	Black	1,065		23,4	750
16543	3 x 25 mm ²	Round	Black	1,282		24,7	1125
16491	4 x 25 mm ²	Round	Black	1,570		27,1	1500
16190	1 x 35 mm ²	Round	Black	0,408		12,7	525
16456	2 x 35 mm ²	Round	Black	1,351		26,6	1050
16191	3 x 35 mm ²	Round	Black	1,654		28	1575
16192	4 x 35 mm ²	Round	Black	2,066		30,7	2100
16523	4 G 35 mm ²	Round	Black	2,035		30,9	2100
16193	1 x 50 mm ²	Round	Black	0,590		15	750
17898	2 x 50 mm ²	Round	Black	1,764		29,2	1500
16194	3 x 50 mm ²	Round	Black	2,202		31,5	2250
16195	4 x 50 mm ²	Round	Black	2,714		35	3000
17790	4 G 50 mm ²	Round	Black	2,714		34,7	3000
16473	5 G 50 mm ²	Round	Black	3,386		38,7	3750
16196	1 x 70 mm ²	Round	Black	0,804		17,2	1050
16197	3 x 70 mm ²	Round	Black	3,114		36,5	3150
16198	4 x 70 mm ²	Round	Black	3,917		40,4	4200
16524	4 G 70 mm ²	Round	Black	3,918		40,4	4200



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16474	5 G 70 mm ²	Round	Black	4,791		44,6	5250
16199	1 x 95 mm ²	Round	Black	1,015		18,8	1425
16522	2 x 95 mm ²		Black	3,184		38,4	2850
16200	3 x 95 mm ²	Round	Black	3,935		40,6	4275
16201	4 x 95 mm ²	Round	Black	4,969		45,2	5700
16490	4 G 95 mm ²	Round	Black	4,969		45,2	5700
16475	5 G 95 mm ²	Round	Black	6,099		49,8	7125
16202	1 x 120 mm ²	Round	Black	1,267		20,8	1800
16203	3 x 120 mm ²	Round	Black	4,909		45,3	5400
16443	4 x 120 mm ²	Round	Black	6,163		49,9	7200
16476	4 G 120 mm ²	Round	Black	6,163		49,9	7200
16477	5 G 120 mm ²	Round	Black	7,579		55,1	9000
16204	1 x 150 mm ²	Round	Black	1,564		23	2250
16205	3 x 150 mm ²	Round	Black	5,967		50	6750
16539	4 x 150 mm ²	Round	Black	7,623		55,1	9000
17791	4 G 150 mm ²	Round	Black	7,541		54,5	9000
16206	1 x 185 mm ²	Round	Black	1,880		25,2	2775
16207	3 x 185 mm ²	Round	Black	7,128		53,6	8325
16479	4 x 185 mm ²	Round	Black	9,061		59,9	11100
16478	4 G 185 mm ²	Round	Black	9,055		59,9	11100
16208	1 x 240 mm ²	Round	Black	2,479		28,5	3600
16209	3 x 240 mm ²	Round	Black	9,418		61,1	10800
15998	4 x 240 mm ²	Round	Black	12,026		68,4	14400
16455	1 x 300 mm ²	Round	Black	3,020		31,3	4500