



Caledonian

Any inquiries, please feel free to contact

enquiry@shipboard-cables.com or kitty@shipboard-cables.com



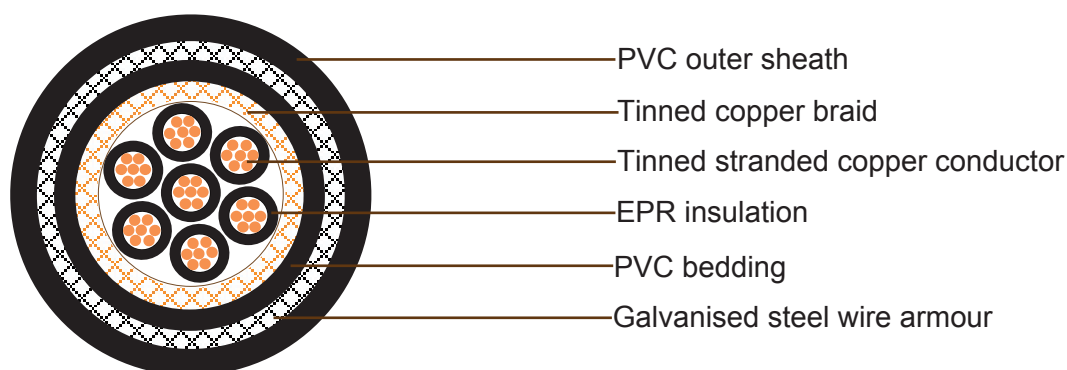
250V

[FA-] MPYS, MPYCS, MPYCYS

Standard

- ▶ JISC 3410-1999
- ▶ IEC 60332-1
- ▶ IEC 60332-3 Cat.A(for FA-type)

Cable Construction



Conductor	M	Tinned annealed stranded copper, class 2 according to IEC 60228
Insulation	P	85°C EPR as per JIS C 3410
Cabling		Insulated conductors shall be cabled. Flame retardant & non-hygroscopic fillers may be used
Overall shield	S	Tinned copper wire braid
Bedding	Y	PVC as per JIS C 3410
Aarmor	C	Galvanized steel wire braid
Sheath	Y	PVC as per JIS C 3410
Core identification		Black No. on white insulation
Outer sheath color		Black





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Cable Parameter

250V (FA-) MPYS

No. of cores	Conductor			Thick. of insulation	Dia. of shield wire	Thick. of bedding	(FA-) MPYS		
	Size	Const- ruction	O.D				Nom. overall dia.	Tolerance	Cable Weight
	mm ²	No./mm	mm				mm	mm	kg/km
2	1	7/0.43	1.29	0.7	0.14	1.1	9.4	0.4	135
4	1	7/0.43	1.29	0.7	0.14	1.1	10.6	0.5	190
7	1	7/0.43	1.29	0.7	0.14	1.2	12.6	0.6	270
12	1	7/0.43	1.29	0.7	0.16	1.3	16.3	0.7	430
19	1	7/0.43	1.29	0.7	0.16	1.5	19.3	0.8	600
27	1	7/0.43	1.29	0.7	0.18	1.6	23	1	840
37	1	7/0.43	1.29	0.7	0.18	1.7	25.7	1.1	1070
44	1	7/0.43	1.29	0.7	0.18	1.8	28.9	1.2	1290

250V (FA-) MPYCS

No. of cores	Conductor			Thick. of insulation	Dia. of shield wire	Thick. of bedding	Dia. of steel wire	(FA-)MPYCS		
	Size	Const- ruction	O.D					Nom. overall dia.	Tolerance	Cable Weight
	mm ²	No./mm	mm					mm	mm	kg/km
2	1	7/0.43	1.29	0.7	0.14	1.1	0.3	10.7	0.4	205
4	1	7/0.43	1.29	0.7	0.14	1.1	0.3	11.9	0.5	260
7	1	7/0.43	1.29	0.7	0.14	1.2	0.3	13.9	0.6	355
12	1	7/0.43	1.29	0.7	0.16	1.3	0.3	17.6	0.7	540
19	1	7/0.43	1.29	0.7	0.16	1.5	0.3	20.6	0.8	735
27	1	7/0.43	1.29	0.7	0.18	1.6	0.3	24.3	1	995
37	1	7/0.43	1.29	0.7	0.18	1.7	0.3	27	1.1	1240
44	1	7/0.43	1.29	0.7	0.18	1.8	0.3	30.2	1.2	1480





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250V (FA-) MPYCYS

No. of cores	Conductor			Thick. of insulation	Dia. of shield wire	Thick. of bedding	Dia. of steel wire	Thick. of covering	(FA-) MPYCYS		
	Size	Const- ruction	O.D						Nom. overall dia.	Tolerance	Cable Weight
	mm ²	No./mm	mm						mm	mm	kg/km
2	1	7/0.43	1.29	0.7	0.14	1.1	0.3	0.9	12.7	0.5	255
4	1	7/0.43	1.29	0.7	0.14	1.1	0.3	0.9	13.9	0.6	315
7	1	7/0.43	1.29	0.7	0.14	1.2	0.3	0.9	15.9	0.6	420
12	1	7/0.43	1.29	0.7	0.16	1.3	0.3	1	19.8	0.8	625
19	1	7/0.43	1.29	0.7	0.16	1.5	0.3	1.1	23	0.9	850
27	1	7/0.43	1.29	0.7	0.18	1.6	0.3	1.2	26.9	1.1	1140
37	1	7/0.43	1.29	0.7	0.18	1.7	0.3	1.3	29.8	1.2	1410
44	1	7/0.43	1.29	0.7	0.18	1.8	0.3	1.4	33.2	1.3	1680

