

[FA-] MPY-S, MPYC-S, MPYCY-S



Standards:

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 3401
Individual shield	- S	Tinned copper wire braid
Cabling		Insulated conductors shall be cabled. Flame retardant & non-hygroscopic fillers may be used
Bedding	Y	PVC as per JIS C 3401
Armor	C	Galvanized steel wire braid
Sheath	Y	PVC as per JIS C 3401
Core identification		Black No. on white insulation
Outer sheath color		Black

Cable Parameter

250V (FA-) MPY-S

No. of cores	Conductor			Thick. of insulation	Dia. of shield wire	Thick. of bedding	(FA-) MPY-S		
	Size	Construction	O.D				Nom. overall dia	Tolerance	Cable Weight
	mm ²	No./mm	mm	mm	mm	mm	mm	mm	kg/km
2	1	7/0.43	1.29	0.7	0.12	1.1	9.9	0.4	150
4	1	7/0.43	1.29	0.7	0.12	1.2	11.6	0.5	230
7	1	7/0.43	1.29	0.7	0.12	1.3	13.9	0.6	350
12	1	7/0.43	1.29	0.7	0.12	1.4	18.2	0.8	570
19	1	7/0.43	1.29	0.7	0.12	1.5	21.5	0.9	840

27	1	7/0.43	1.29	0.7	0.12	1.7	26	1.1	1200
37	1	7/0.43	1.29	0.7	0.12	1.8	29.2	1.2	1600
44	1	7/0.43	1.29	0.7	0.12	2	33.2	1.4	2000

250V (FA-) MPYC-S

No. of cores	Conductor			Thick. of insulation	Dia. of shield wire	Thick. of bedding	Dia. of steel wire	(FA-) MPYC-S		
	Size	Construction	O.D					Nom. overall dia	Tolerance	Cable Weight
	mm ²	No./mm	mm					mm	mm	mm
2	1	7/0.43	1.29	0.7	0.12	1.1	0.3	11.2	0.4	210
4	1	7/0.43	1.29	0.7	0.12	1.2	0.3	12.9	0.5	300
7	1	7/0.43	1.29	0.7	0.12	1.3	0.3	15.2	0.6	435
12	1	7/0.43	1.29	0.7	0.12	1.4	0.3	19.5	0.8	685
19	1	7/0.43	1.29	0.7	0.12	1.5	0.3	22.8	0.9	980
27	1	7/0.43	1.29	0.7	0.12	1.7	0.3	27.3	1.1	1360
37	1	7/0.43	1.29	0.7	0.12	1.8	0.3	30.5	1.2	1760
44	1	7/0.43	1.29	0.7	0.12	2	0.4	35	1.4	2240

250V (FA-) MPYCY-S

No. of cores	Conductor			Thick. of insulation	Dia. of shield wire	Thick. of bedding	Dia. of steel wire	Thick. of covering	(FA-) MPYCY-S		
	Size	Construction	O.D						Nom. overall dia	Tolerance	Cable Weight
	mm ²	No./mm	mm						mm	mm	mm
2	1	7/0.43	1.29	0.7	0.12	1.1	0.3	0.9	13.2	0.5	260
4	1	7/0.43	1.29	0.7	0.12	1.2	0.3	0.9	14.9	0.6	360
7	1	7/0.43	1.29	0.7	0.12	1.3	0.3	1	17.4	0.7	515
12	1	7/0.43	1.29	0.7	0.12	1.4	0.3	1.1	21.9	0.9	795
19	1	7/0.43	1.29	0.7	0.12	1.5	0.3	1.2	25.4	1	1120
27	1	7/0.43	1.29	0.7	0.12	1.7	0.3	1.3	30.1	1.2	1540
37	1	7/0.43	1.29	0.7	0.12	1.8	0.3	1.4	33.5	1.3	1970

44	1	7/0.43	$\frac{1.2}{9}$	0.7	0.12	2	0.4	1.5	38.4	1.5	2500
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