

M-Flex YCY 250V

This page is under construction. Please contact Draka for more information about this product.



Construction data

Conductor category	Class 5 = flexible
Stranding element	No
Core insulation	PVC
Core identification	Colour
Protective conductor	No
Screen over stranding	Braiding
Material outer sheath	PVC
Colour outer sheath	Grey

Properties

Halogen free (acc. EN 60754-1/2)	No
Flame retardant	In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	No
Low temperature resistant (acc. EN 60811-504+505+506)	No
Oil resistant (acc. EN 60811-404)	No
Permitted cable outer temperature, in movement	-5 / 70 °C
Permitted cable outer temperature, fixed	-5 / 70 °C

Electrical

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Product Range

Product nr.	Nominal cross section conductor (mm ²)	Nominal diameter over insulation (mm)	Nominal overall diameter (mm)	Minimum bending radius (mm)	Maximum tensile strength (N)	Approx. weight (kg/km)
120556	2x0,14	1,1	3,9	20	4	23
120569	2x0,22	1,2	4,1	25	6	22
120581	2x0,34	1,6	5,6	30	10	42
120582	3x0,34	1,6	5,9	30	15	47
120558	4x0,14	1,1	4,4	25	8	26
120571	4x0,22	1,2	4,6	25	13	37
120583	4x0,34	1,6	6,3	35	20	60
120560	6x0,14	1,1	5,0	25	12	33
120573	6x0,22	1,2	5,7	30	19	55
120585	6x0,34	1,6	7,3	40	30	80
120562	8x0,14	1,1	5,7	30	16	44
120575	8x0,22	1,2	6,1	35	26	65
120587	8x0,34	1,6	7,9	40	40	95
120563	10x0,14	1,1	6,5	35	21	55
120576	10x0,22	1,2	6,9	35	33	80
120588	10x0,34	1,6	8,4	45	51	95
120589	12x0,34	1,6	8,6	45	61	110
120568	25x0,14	1,1	9,0	45	52	110

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Electrical features

Product nr.	Nominal cross section conductor (mm ²)	Conductor resistance at 20 °C, DC (ohm/km)	Capacitance between adjacent cores	Capacitance between 1 core and screen
120556	2x0,14	136	100	170
120569	2x0,22	85	125	225
120581	2x0,34	54	125	210
120582	3x0,34	54	125	210
120558	4x0,14	136	100	170
120571	4x0,22	85	125	225
120583	4x0,34	54	125	210
120560	6x0,14	136	100	170
120573	6x0,22	85	125	225
120585	6x0,34	54	125	210
120562	8x0,14	136	100	170
120575	8x0,22	85	125	225
120587	8x0,34	54	125	210
120563	10x0,14	136	100	170
120576	10x0,22	85	125	225
120588	10x0,34	54	125	210
120589	12x0,34	54	125	210
120568	25x0,14	136	100	170