

Subscriber line cable A-2YF(L)2Y St III Bd acc. to VDE 0816



conductor material:	bare copper
conductor construction:	solid
insulation:	polyethylene 2Y11
stranding unit:	quads
stranding:	bunches
sheathing material:	polyethylene 2YM1
bonded sheath:	yes
transverse water-tight:	yes
longitudinally water-tight:	yes
colour of outer sheath:	black
flame retardant:	no
for outdoor use:	yes
maximum temperature at conductor:	70 °C
max. operating temperature, fixed:	70 °C
bending radius, fixed installation:	7,5 x DA

	A-2YF(L)2Y nx2x0,6	A-2YF(L)2Y nx2x0,8
nominal voltage U:	225 V	225 V
test voltage:	2000 V	2000 V
core identification:	colours + rings	colours + rings
operating capacity:	52 nF/km	55 nF/km
attenuation at 800 Hz:	1,04 dB/km	0,78 dB/km
loop resistance:	130 Ohm/km	73,2 Ohm/km

Application: For fixed installation in buildings, in free air, in ground and in water.

Stranding:

4 cores twisted into star-quads, 5 star-quads stranded into one sub-unit, sub-units layed up in layers

Core identification:

The star-quads of each bunch are continuous: red, green, grey, yellow, white

The cores within one star-quad are marked by rings:

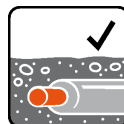
a-wire 1: without ring

b-wire 1: one ring, wide spaced

a-wire 2: double ring, wide spaced

b-wire 2: double ring, narrow spaced

Austria: F-2YJA2Y



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data A-2YF(L)2Y nx2x0,6

p/n	part-name	DA [mm]	G [kg/km]	CU
110077	A-2YF(L)2Y 02X2X0,6 SW	9	80	11
110079	A-2YF(L)2Y 04X2X0,6 SW	11	130	23
110001	A-2YF(L)2Y 06X2X0,6 SW	12	140	34
110005	A-2YF(L)2Y 10X2X0,6 SW	13,5	190	57
110011	A-2YF(L)2Y 20X2X0,6 SW	16,5	310	113
110016	A-2YF(L)2Y 30X2X0,6 SW	19,5	430	170
110018	A-2YF(L)2Y 40X2X0,6 SW	21,5	545	226
110020	A-2YF(L)2Y 50X2X0,6 SW	23,5	660	283
110022	A-2YF(L)2Y 70X2X0,6 SW	27	875	396
110003	A-2YF(L)2Y 100X2X0,6 SW	31,5	1225	565
110007	A-2YF(L)2Y 150X2X0,6 SW	37,5	1780	848
110009	A-2YF(L)2Y 200X2X0,6 SW	42,5	2315	1131
110013	A-2YF(L)2Y 250X2X0,6 SW	47,5	2895	1414
110014	A-2YF(L)2Y 300X2X0,6 SW	51,5	3480	1696
110067	A-2YF(L)2Y 350X2X0,6 SW	53,5	4000	1979
110072	A-2YF(L)2Y 400X2X0,6 SW	60,5	4550	2262
110081	A-2YF(L)2Y 500X2X0,6 SW	66	5690	2827
110100	A-2YF(L)2Y 600X2X0,6 SW	73,5	6880	3392

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table: technical data A-2YF(L)2Y nx2x0,8

p/n	part-name	DA [mm]	G [kg/km]	CU
110078	A-2YF(L)2Y 02X2X0,8 SW	10	100	20
110074	A-2YF(L)2Y 04X2X0,8 SW	13	175	40
110002	A-2YF(L)2Y 06X2X0,8 SW	13,5	200	60
110006	A-2YF(L)2Y 10X2X0,8 SW	15,5	280	101
110012	A-2YF(L)2Y 20X2X0,8 SW	20	485	201
110017	A-2YF(L)2Y 30X2X0,8 SW	23	675	302
110019	A-2YF(L)2Y 40X2X0,8 SW	26,5	885	402
110021	A-2YF(L)2Y 50X2X0,8 SW	28,5	1070	503
110023	A-2YF(L)2Y 70X2X0,8 SW	33	1420	704
110112	A-2YF(L)2Y 80X2X0,8 SW	35	1700	804
110004	A-2YF(L)2Y 100X2X0,8 SW	38,5	2000	1005
110008	A-2YF(L)2Y 150X2X0,8 SW	47	2935	1508
110010	A-2YF(L)2Y 200X2X0,8 SW	52	3800	2011
110091	A-2YF(L)2Y 250X2X0,8 SW	58	4590	2514
110015	A-2YF(L)2Y 300X2X0,8 SW	62	5480	3016
110069	A-2YF(L)2Y 350X2X0,8 SW	66	6350	3519
110073	A-2YF(L)2Y 400X2X0,8 SW	72	7350	4022
110099	A-2YF(L)2Y 500X2X0,8 SW	79	8920	5027

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