

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



conductor material:	bare copper
conductor construction:	solid
insulation:	polyethylene 2YI1
stranding unit:	quads
stranding:	bunches
bonded sheath:	yes
sheathing material:	polyethylene 2YM1
colour of outer sheath:	black
for outdoor use:	yes
longitudinally water-tight:	no
transverse water-tight:	yes
flame retardant:	no
bending radius, fixed installation:	7,5 x DA
temperature, moved/during installation:	-20-+50 °C
max. operating temperature, fixed:	-30-+70 °C

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

Application: For fixed installation indoors, outdoors, in ground and in water.

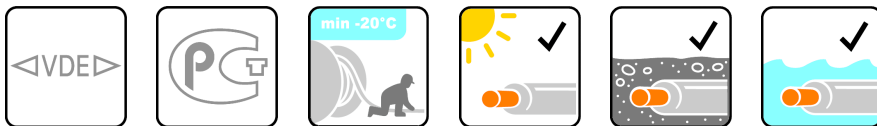
Stranding:

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



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-2Y(L)2Y nx2x0,6

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU	Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
110080	A-2Y(L)2Y 02X2X0,6 SW	9	80	11	110039	A-2Y(L)2Y 40X2X0,6 SW	20	385	226
110075	A-2Y(L)2Y 04X2X0,6 SW	11	120	23	110041	A-2Y(L)2Y 50X2X0,6 SW	21	460	283
110025	A-2Y(L)2Y 06X2X0,6 SW	12	130	34	110043	A-2Y(L)2Y 70X2X0,6 SW	25	605	396
110029	A-2Y(L)2Y 10X2X0,6 SW	13,5	155	57	110027	A-2Y(L)2Y 100X2X0,6 SW	28	870	565
110035	A-2Y(L)2Y 20X2X0,6 SW	16	240	113	110031	A-2Y(L)2Y 150X2X0,6 SW	33	1345	848
110037	A-2Y(L)2Y 30X2X0,6 SW	18	310	170	110033	A-2Y(L)2Y 200X2X0,6 SW	38	1755	1131

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

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
110101	A-2Y(L)2Y 250X2X0,6 SW	41,5	2140	1414
110083	A-2Y(L)2Y 300X2X0,6 SW	44,5	2525	1696
110103	A-2Y(L)2Y 350X2X0,6 SW	47,5	2930	1979
110082	A-2Y(L)2Y 400X2X0,6 SW	51	3300	2262
110068	A-2Y(L)2Y 500X2X0,6 SW	56	4050	2827

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
110088	A-2Y(L)2Y 600X2X0,6 SW	60	4770	3392
110108	A-2Y(L)2Y 700X2X0,6 SW	64	5500	3958
110094	A-2Y(L)2Y 800X2X0,6 SW	69	6350	4523
110095	A-2Y(L)2Y 1000X2X0,6 SW	75	7550	5654
110111	A-2Y(L)2Y 1200X2X0,6 SW	81	9300	6785

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

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
110076	A-2Y(L)2Y 02X2X0,8 SW	9	90	20
110024	A-2Y(L)2Y 04X2X0,8 SW	12	140	40
110026	A-2Y(L)2Y 06X2X0,8 SW	13	160	60
110093	A-2Y(L)2Y 08X2X0,8 SW	14	180	81
110030	A-2Y(L)2Y 10X2X0,8 SW	15	205	101
110092	A-2Y(L)2Y 12X2X0,8 SW	15,2	250	123
110036	A-2Y(L)2Y 20X2X0,8 SW	18,5	355	201
110038	A-2Y(L)2Y 30X2X0,8 SW	21	475	302
110040	A-2Y(L)2Y 40X2X0,8 SW	23	600	402
110042	A-2Y(L)2Y 50X2X0,8 SW	26	745	503
110044	A-2Y(L)2Y 70X2X0,8 SW	29	1100	704

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
110028	A-2Y(L)2Y 100X2X0,8 SW	34	1425	1005
110032	A-2Y(L)2Y 150X2X0,8 SW	40	2200	1508
110034	A-2Y(L)2Y 200X2X0,8 SW	44	2900	2011
110090	A-2Y(L)2Y 250X2X0,8 SW	51	3550	2514
110102	A-2Y(L)2Y 300X2X0,8 SW	53	4200	3016
110104	A-2Y(L)2Y 350X2X0,8 SW	56	4900	3519
110105	A-2Y(L)2Y 400X2X0,8 SW	60	5500	4022
110106	A-2Y(L)2Y 500X2X0,8 SW	68	6800	5027
110107	A-2Y(L)2Y 600X2X0,8 SW	74	8100	6032
110152	A-2Y(L)2Y 700X2X0,8 SW		9895	7038