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:	bunched star-quads
sheathing material:	polyethylene 2YM1
bonded sheath:	yes
transverse water-tight:	yes
longitudinally water-tight:	no
colour of outer sheath:	black
flame retardant:	no
UV-resistant:	yes
max. operating temperature, fixed:	-30 - +70 °C
temperature, moved/during installation:	-20 - +50 °C
bending radius, fixed installation:	7,5 x DA

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

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

Additional information: Stranding:4 cores twisted into star-quads, 5 star-quads stranded into one sub-unit, sub-units layed up in layersCore identification:The star-quads of each bunch are continuous: red, green, grey, yellow, whiteThe cores within one star-quad are marked by rings:a-wire 1: without ringb-wire 1: one ring, wide spaceda-wire 2: double ring, wide spacedb-wire 2: double ring, narrow spaced

Table: Technical characteristics A-2Y(L)2Y nx2x0,6

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
110080	A-2Y(L)2Y 02X2X0,6 SW	9	80	11
110075	A-2Y(L)2Y 04X2X0,6 SW	11	120	23
110025	A-2Y(L)2Y 06X2X0,6 SW	12	130	34
110029	A-2Y(L)2Y 10X2X0,6 SW	13,5	155	57
110035	A-2Y(L)2Y 20X2X0,6 SW	16	240	113
110037	A-2Y(L)2Y 30X2X0,6 SW	18	310	170

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
110039	A-2Y(L)2Y 40X2X0,6 SW	20	385	226
110041	A-2Y(L)2Y 50X2X0,6 SW	21	460	283
110043	A-2Y(L)2Y 70X2X0,6 SW	25	605	396
110027	A-2Y(L)2Y 100X2X0,6 SW	28	870	565
110031	A-2Y(L)2Y 150X2X0,6 SW	33	1345	848
110033	A-2Y(L)2Y 200X2X0,6 SW	38	1755	1131

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
110101	A-2Y(L)2Y 250X2X0,6 SW	41,5	2140	1414
110083	A-2Y(L)2Y 300X2X0,6 SW	44,5	2525	1696
110068	A-2Y(L)2Y 500X2X0,6 SW	56	4050	2827

Table: Technical characteristics A-2Y(L)2Y nx2x0,8

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
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
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

DA	outer diameter
G	weight
Cu	copper