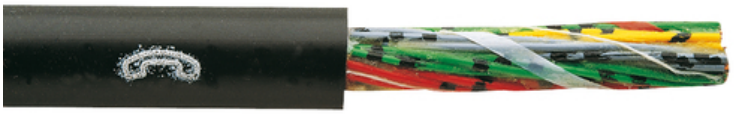
Subscriber line cable A-2YF(L)2Y St III Bd acc. to VDE 0816

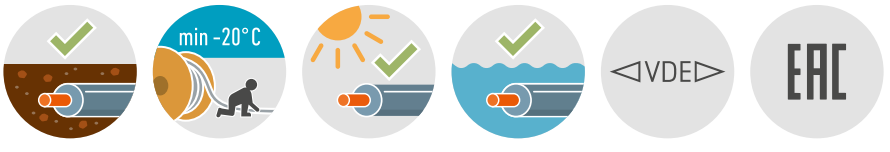


Conductor material:	copper, bare
Conductor class:	class 1 = solid
Insulation:	polyethylene 2YI1
Stranding unit:	quads
Screen over stranding unit:	foil
Stranding:	bunched star-quads
Sheathing material:	polyethylene 2YM1
Bonded sheath:	yes
Transversely watertight:	yes
Longitudinally watertight:	yes
Colour outer sheath:	black
Flame-retardant:	no
UV-resistant:	yes
Maximum permitted conductor temperature, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	70 °C
Bending radius, fixed installation:	7,5 x DA

	A-2YF(L)2Y 0.6 mm	*A-2YF(L)2Y 0.8 mm*
Maximum operating capacity:	52 nF/km	55 nF/km
Loop resistance:	130 Ohm/km	73,2 Ohm/km
peak operating voltage:	225 V	225 V
Test voltage:	2 kV	kV
Core identification:	colours + rings	colours + rings
Attenuation at 800 Hz:	1,04	0,78

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

Additional information: Stranding: 4 cores twisted into star-quads, 5 star-quads stranded into one sub-unit, sub-units layed up in layers.
petrol jelly filling - plastic foil separator - laminated sheath = aluminium tape 0.2 mm on both sides polymer laminated and welded with a PE-sheath
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 characteristics A-2YF(L)2Y 0.6 mm

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
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
110009	A-2YF(L)2Y 200X2X0,6 SW	42,5	2315	1131
110014	A-2YF(L)2Y 300X2X0,6 SW	51,5	3480	1696

Table: Technical characteristics A-2YF(L)2Y 0.8 mm

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

DA	Outer diameter approx.
G	net weight
Cu	Copper weight (GER)