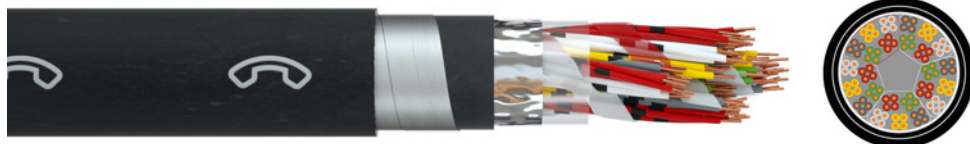


Subscriber line cable

A-2YF(L)2YB2Y ... St III Bd



Application: For fixed installation indoors, outdoors, in the ground, in water and in concrete. The PE-sheath enables direct earth burial of the cable. It should be noted during installation in cable ducts and interior spaces that the PE-sheath is zero-halogen, yet not flame-retardant as defined under DIN VDE 0482-332-1.

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 = aluminum tape 0,2 mm on both sides polymer laminated and welded with a PE-inner sheath - double steel tape armour approx. 0,1 mm (Da < 15 mm), singel steel tape approx. 0,2 mm (DA > 15 mm) - PE outer sheath

Construction and technical data:

Standard:	VDE 0816 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	Class 1 = solid
Insulation:	polyethylene 2YI1
Material inner sheath:	polyethylene 2YM2
Armour:	steel tape, galvanized
Sheathing material:	polyethylene 2YM2
bonded sheath:	yes
Transversely watertight:	yes
Longitudinally watertight:	yes
UV-resistant:	yes
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +50 °C
Bending radius, fixed installation:	7.5 x Ø



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.

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

A-2YF(L)2YB2Y ... St III Bd

Loop resistance: 73.2 Ohm/km

Maximum operating capacity: 42 nF/km

peak operating voltage, V: 225 V

part no.	part name	Ø [mm]	Cu	G [kg]
110268	04X2X0.8	15.5	40	288
110236	10X2X0.8	17.8	101	410
110237	20X2X0.8	23.1	201	710
110240	50X2X0.8	31.1	503	1280
110300	100X2X0.8	42	1005	1985

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000