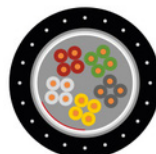


Self-supporting communication cable

A-02YS(St)(Zg)2Y St III Bd



Application: Self-supporting cables are preferably used for telecommunication installations. They are designed for self-supporting aerial outdoor installations up to a support distance of 50 m, but, as an exception, they may be buried in ground over short distances. If necessary, they have to be protected mechanically.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 1 = solid
Insulation:	foam skin
Stranding:	bunched star-quads
Screen:	Foil
Strength member:	glass yarns embedded in the outer sheath
Sheathing material:	polyethylene
Flame-retardant:	none
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-20 - +70 °C
Permitted outer cable temperature, moved, °C:	-20 - +70 °C
Bending radius, fixed installation:	5 x Ø
Insulation resistance:	1000 MOhm _x km
Coupling K1:	900 pF
Coupling K9-12:	500 pF



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.

A-02YS(St)(Zg)2Y 0.5 mm

Loop resistance:	130 Ohm/km
Maximum operating capacity:	40 nF/km
peak operating voltage, V:	225 V

part no.	part name	Ø [mm]	Fzp [N]	Cu	G [kg]
110445	02X2X0.5	9	3000	10	60

part no.	part name	Ø [mm]	Fzp [N]	Cu	G [kg]
110446	04X2X0.5	11	4000	17	100
110422	06X2X0.5	12	4500	28	115
110447	10X2X0.5	13	5200	43	145
110593	20X2X0.5	16	7000	83	220
110632	30X2X0.5	17		122	285

Ø	outer diameter approx.
Fzp	Tensile strength (permanent)
Cu	Copper weight (GER)
G	net weight per 1000