

# Coaxial Distribution Cable A-2YOK2Y acc. to FTZ 6145-3000



screen coverage:	100 %
sheathing material:	polyethylene
colour of outer sheath:	
impedance:	75 Ohm
velocity factor:	0,89 v/c

	A-2YOK2Y 1IKX	A-2YOK2Y 1NKX	A-2YOK2Y 1QKX	A-2YOK2Y 1SKX
<b>DC-resistance, inner conductor:</b>	22 Ohm/km	5,6 Ohm/km	2,5 Ohm/km	1 Ohm/km
<b>DC-resistance, screen:</b>	3,1 Ohm/km	3 Ohm/km	2 Ohm/km	1 Ohm/km
<b>conductor class:</b>	solid, class 1	solid, class 1	solid, class 1	solid, class 1
<b>conductor material:</b>	bare copper	bare copper	bare copper	bare copper
<b>inner conductor diameter:</b>	1,1 mm	2,2 mm	3,3 mm	4,9 mm
<b>insulation:</b>	solid PE	air-insulated PE	air-insulated PE	air-insulated PE
<b>operating capacity:</b>	65 nF/km	51 nF/km	51 nF/km	50 nF/km
<b>screen:</b>	solid tube	solid tube	solid tube	solid tube
<b>screen-material:</b>	bare copper	bare copper	bare copper	bare copper
<b>screening efficiency:</b>	110 dB	110 dB	110 dB	110 dB

**Application:** For signal transmission in broadband communications networks between header station and house connection. The cables comply with DIN 50117, Part 3 (house connection) and Part 4 (distributor and line cables) and are type-tested to the FTZ standard. Longitudinally-welded copper pipes ensure optimum freedom from interference and outstanding stability under bending and compression stresses. Also for underground laying in private broadband communications systems (up to 2 GHz).

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-2YOK2Y 1IKX

Art.-Nr.	part-name	Rbf [mm]	DA [mm]	Ev [kWh/m]	CU	G [kg/km]
110251	A-2YK2Y1 iKx 1,1/7,3 75 Ohm SW	160	11	0,8	69	142

table: technical data A-2YOK2Y 1NKX

Art.-Nr.	part-name	Rbf [mm]	DA [mm]	Ev [kWh/m]	CU	G [kg/km]
110161	A-2YOK2Y1 nKx 2,2/8,8 75 Ohm SW	200	12,5	0,99	115	183

table: technical data A-2YOK2Y 1QKX

Art.-Nr.	part-name	Rbf [mm]	DA [mm]	Ev [kWh/m]	CU	G [kg/km]
110162	A-2YOK2Y1 qKx 3,3/13,5 75 Ohm SW	300	17	1,67	208	347

table: technical data A-2YOK2Y 1SKX

Art.- Nr.	part-name	Rbf [mm]	DA [mm]	Ev [kWh/m]	CU	G [kg/km]
110250	A-2YOK2Y1 sKx 4,9/19,4 75 Ohm SW	400	24,4	2,1	375	500
110161	A-2YOK2Y1 nKx 2,2/8,8 75 Ohm SW	200	12,5	0,99	115	183
110162	A-2YOK2Y1 qKx 3,3/13,5 75 Ohm SW	300	17	1,67	208	347
110251	A-2YK2Y1 iKx 1,1/7,3 75 Ohm SW	160	11	0,8	69	142

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