Coaxial distribution cable A-2Y/O/K2Y acc. to FTZ 6145-3000

	A-2YK2Y 1IKX	*A-2YOK2Y 1NKX*	*A-2YOK2Y 1QKX*	*A-2YOK2Y 1QKX*
inner conductor:	Copper, solid, bare	Copper, solid, bare	Copper, solid, bare	Copper, solid, bare
inner conductor diameter:	1,1 mm	2,2 mm	3,3 mm	4,9 mm
insulation:	solid PE	air-insulated PE	air-insulated PE	air-insulated PE
screen:	closed Cu-tube	closed Cu-tube	closed Cu-tube	closed Cu-tube
coverage:	100 %	100 %	100 %	100 %
outer sheath:	PE	PE	PE	PE
impedance:	75 Ohm	75 Ohm	75 Ohm	75 Ohm
capacity:	65 nF/km	51 nF/km	51 nF/km	50 nF/km
screening efficiency:	110 dB	dB	110 dB	110 dB
velocity factor:	0,89 v/c	0,89 v/c	0,89 v/c	0,89 v/c
DC-resistance inner conductor:	22 Ohm/km	5,6 Ohm/km	2,5 Ohm/km	1 Ohm/km
DC-resistance screen:	3,1 Ohm/km	3 Ohm/km	2 Ohm/km	1 Ohm/km

Application: For signal transmission in broadband communications networks (for example CATV) 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).

EMV

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-2YK2Y 1IKX

p/n	part name	R_{bv} [mm]	D_A [mm]	E_v [kWh/m]	Cu [kg/km]	G [kg/km]
110251	A-2YK2Y1 iKx 1,1/7,3	160	11	0,8	69	142

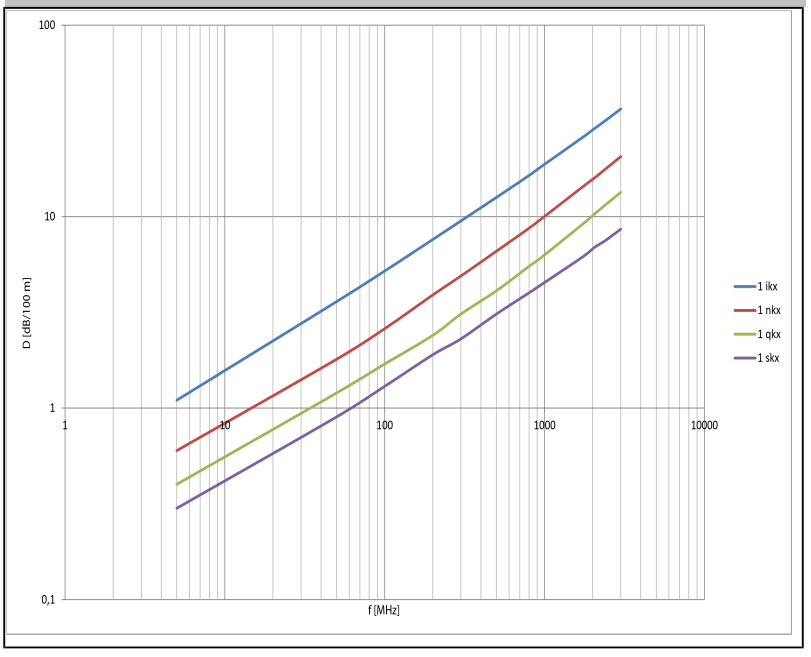
Table: Technical characteristics A-2YOK2Y 1NKX

p/n	part name	R_{bv} [mm]	D_A [mm]	E_v [kWh/m]	Cu [kg/km]	G [kg/km]
110161	A-2YOK2Y1 nKx 2,2/8,8	200	12,5	0,99	115	183

Table: Technical characteristics A-2YOK2Y 1QKX

p/n	part name	R_{bv} [mm]	D_A [mm]	E_v [kWh/m]	Cu [kg/km]	G [kg/km]
110162	A-2YOK2Y1 qKx 3,3/13,5	300	17	1,67	208	347

Table: Technical characteristics A-2YOK2Y 1QKX

p/n	part name	R_{bv} [mm]	D_A [mm]	E_v [kWh/m]	Cu [kg/km]	G [kg/km]
110250	A-2YOK2Y1 sKx 4,9/19,4	400	24,4	2,1	375	500

Rbv	bending radius, fixed installation
DA	outer diameter
Ev	combustion energy
Cu	copper weight (ger)
G	weight