

Subscriber connection cables

Connection cables with IEC and F-male connectors



IEC subscriber cables

Receiver leads for CATV house distribution with IEC male and IEC female connectors. To secure the measured screening in practice the receiver leads must have a bending radius of min. 10 cm to avoid a permanent damage of the screen and a worsening of the screening!

Item	Connectors	Length [m]	Color	Compliant with KDG 1 TS 152	Order No.
FK-2-1.5-H	IEC-male and female	1,5	White	Yes	22210115
FK-2-2.0-H	IEC-male and female	2,0	White	Yes	22210120
TAK-1,5-IEC	IEC-male and female	1,5	White	No	22210130
TAK-2,5-IEC	IEC-male and female	2,5	White	No	22210131
TAK-3,5-IEC	IEC-male and female	3,5	White	No	22210132
TAK-5,0-IEC	IEC-male and female	5,0	White	No	22210133
TAK-7,5-IEC	IEC-male and female	7,0	White	No	22210134
TAK-10,0-IEC	IEC-male and female	10,0	White	No	22210136

Fm/Fm modem subscriber cables

Modem subscriber cable with F-male connectors to connect a cable modem on the DATA-port of a multimedia antenna outlet. To secure the measured screening in practice the receiver leads must have a bending radius of min. 10 cm to avoid a permanent damage of the screen and a worsening of the screening!

The subscriber connection cables MAK-XXX-90 are composed of two EX 6-49/83 connectors (brand PPC) and a Oren HD-103 coaxial cable.

Item	Connectors	Length [m]	Color	Order No.
MAK-1,5-FM	2 x screwable F-male	1,5	White	22210216
MAK-2,5-FM	2 x screwable F-male	2,5	White	22210226
MAK-150-90	2 x screwable F-male	1,5	White	22280704
MAK-250-90	2 x screwable F-male	2,5	White	22280705
MAK-350-90	2 x screwable F-male	3,5	White	22280706
MAK-500-90	2 x screwable F-male	5,0	White	22280707

We do not have the perfect connection cable in our product portfolio yet?

We are happy to produce connection cables according to your requirements, even in small quantities!

Connection cables with F-Quickfix-male



85030180
EAK-301-80



85090180
EAK-901-80



- For the connection of terminal devices on multimedia outlets
- According to VF TS 5001
- Screening according to EN 60966-2-7, Class A +20 dB
- 4-way screened; 4G/5G-protected

- DOCSIS 4.0 ready
- White, in a polybag with SB-sealing card
- Color coded
- Vodafone & Unitymedia listed

Parameter	Frequency [MHz]	EAK-151-80	EAK-201-80	EAK-251-80	EAK-301-80	EAK-501-80	EAK-601-80	EAK-901-80
Impedance [Ω]		75						
Frequency range [MHz]		0 – 1.800						
Attenuation [dB]	100	< 0,14	< 0,17	< 0,21	< 0,25	< 0,40	< 0,50	< 0,70
	500	< 0,38	< 0,40	< 0,56	< 0,65	< 1,00	< 1,20	< 1,76
	862	< 0,54	< 0,60	< 0,79	< 0,91	< 1,40	< 1,64	< 2,38
	1.000	< 0,60	< 0,70	< 0,87	< 1,01	< 1,55	< 1,82	< 2,62
	1.500	< 0,80	< 0,80	< 1,13	< 1,29	< 1,95	< 2,28	< 3,28
	1.800	< 0,91	< 0,90	< 1,28	< 1,46	< 2,20	< 2,56	< 3,66
Return loss [dB]	5 – 1.000	≥ 20						
	1.000 – 1.800	≥ 18						
Screening [dB]	30 – 1.000	≥ 105						
	1.000 – 1.800	≥ 95						
Transfer impedance [mΩ/m]	5 – 30	< 0,9						
connector 1		F-Quickfix-male (straight) acc. to IEC 61169-47						
connector 2		F-Quickfix-male (straight) acc. to IEC 61169-47						
design		with bend protection covers						
Length [m]		1,5	2	2,5	3	5	6	9
Order-No.		85015180	85020180	85025180	85030180	85050180	85060180	85090180