



Antennas - 2G, 3G, 4G, 5G

6.26

STABLE CONNECTIONS, SAFE COMMUNICATION

General

Securing a stable data transfer or remote control, may require installing an external antenna. In general, the signal is stronger near cities or bigger roads, but many devices are located where the 2G, 3G, 4G and 5G signal strength is weak.

You can mount MJK 2G, 3G, 4G and 5G antennas directly on a cabinet, a nearby wall or even on a mast.

MJK antennas are selected based on which coverage type is available in the area in question (2G, 3G, 4G or 5G). Next, it is selected based on the signal strength and naturally also on which mounting is best suited for the application itself.

Features

The available frequency band is decided by the signal provider.

The frequencies will normally be spread relative to the technologies as illustrated below.

Technology	Frequency
GSM (2G)	900-1800 MHz
GPRS (2G)	900-1800 MHz
3G	1900, 2100 MHz
4G	800, 900, 1800, 2600 MHz
5G	3400-3800 MHz

Frequencies

Band	Frequency (MHz)	Technology
800 MHz	791-862	4G
900 MHz	891-945	2G, 3G, 4G
1800 MHz	1710-1880	2G, 4G
2100 MHz	1920-2170	3G
2600 MHz	2500-2690	4G
3,5 GHz	3400-3800	5G

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Antenna wall fin for
Connect / Chatter



Specifications				
Ordernumber	205184	205185	205186	205187
Cable length	0,5 m	2 m	6 m	10 m
Frequency	800/1800/2100/2600 MHz, 4-band			
Amplification	0 dB			
Connection/plug	MMCX / Male			
Kapsling	IP65			
Mounting	Wall or Closet side / vertically			
Montage	2 pcs. 1" x 8 screws			
Mechanical dim.	136 x 47 x 40 mm (l x w x h)			

Antenna, big, flat, vandal-
safe for Connect / Chatter



Specifications		
Order Numbers	205175	205176
Cable Length	2 m	6 m
Frequency	900/1800 MHz, 2G 2-band	
Amplification	3 dB	
Connection/plug	MMCX / Male	
Mounting	Wall or Closet side / vertically	
Montage	12 mm pipe adaptor with nut	
Mechanical dim.	126 x 24 mm (dia x h)	

Antenna with extra gain,
vandal-safe
for Connect/Chatter



Specifications		
Order Numbers	205167	205168
Cable Length	0,5 m	2,5 m
Frequency	800/900/1800/2100/2600 MHz og 3,5GHz, 6-band	
Amplification	5 dB on ground plane (on the outside of a metal cabinet)	
Connection/plug	MMCX / Male	
Mounting	Top / horizontally	
Montage	19 mm pipe adaptor with nut	
Mechanical dim.	13,8 x 55 mm (dia x h)	

Antenner - 2G, 3G, 4G, 5G

Pole antenna for mast,
standard



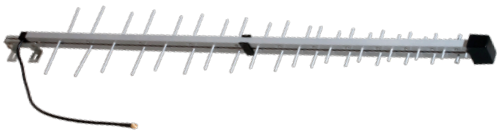
Specifications		
Order Numbers	205119	205114
Cable Length	6 m	10 m
Frequency	800/900/1800/1900/2100 MHz, Multiband	
Amplification	0 dB	
Connection/plug	MMCX / Male (FME/Female)	
Mounting	1" RG union nut	
Mechanical dim.	18 x 400 mm (dia x h)	

Pole antenna for mast,
with gain



Specifications		
Order Numbers	205196	205197
Cable Length	6 m	10 m
Frequency	1900/2100 MHz, 3G	
Amplification	5 dB	
Connection/plug	MMCX / Male (FME/Female)	
Mounting	1" RG union nut	
Mechanical dim.	18 x 840 mm (dia x h)	

Yagi antenna,
with extra gain, directional



Specifications	
Order Numbers	205199
Cable Length	10 m
Frequency	900/2100 MHz, 2G/3G
Amplification	11 dB
Connection/plug	MMCX / Male (FME/Female)
Mounting	Bracket for mast/wall included
Mechanical dim.	170 x 1340 mm (w x l)

Antenner - 2G, 3G, 4G, 5G

Cable MJK delivers alternative cable lengths. This ensures that cable type and length is optimal for the individual installation.

Ordernumbers

Antennas	
205116	Antenna, small profile, 3 band, 2m cable, MMCX/Male
205167	Antenna, 6 band, 5db 0,5 m cable MMCX-MALE
205168	Antenna, 6 band, 5db, 2,5 m cable MMCX-MALE
205175	Antenna, large profile, 2 band, 2m cable, 3dB, MMCX/Male
205176	Antenna, large profile, 2 band, 6m cable, 3dB, MMCX/Male
205184	Antenna, Wall/fin-type, quad band, 0,5m cable MMCX/Male
205185	Antenna, Wall/fin-type, quad band, 2m cable MMCX/Male
205186	Antenna, Wall/fin-type, quad band, 6m cable MMCX/Male
205187	Antenna, Wall/fin-type, quad band, 10m cable MMCX/Male
205188	Antenna, Wall/fin, quad band, 15m cable, MMCX/Male
205195	Antenna, Whip, 3 band, 0,25m cable, MMCX/Male
205119	Antenna, Pole, 5 band, 6m cable, MMCX/Male
205114	Antenna, Pole, 5 band, 10m cable, MMCX/Male
205196	Antenna, f. mast 2 band, 10m Cable, 1 band 3G, MMCX/Male
205197	Antenne, f.mast 2 band 10m kabel 1 band, 3G, MMCX/Male
205199	Antenne, Yagi f.mast 2 band 10 m Cable, MMCX/Male

Accessories for antennas	
569143	Bracket for wall mounting of mast antenna
569140	1" Union nut for mast antenna
750220	Cable for ant. incl. adapter Cable MMCX, 6m
750221	Cable for ant. incl. adapter Cable MMCX, 10m
750222	Cable for ant. incl. adapter Cable MMCX, 15m
750223	Cable for ant. incl. adapter Cable MMCX, 20m
750224	Cable for ant. incl. adapter Cable MMCX, 25m
750230	Cable for Yagi ant. incl. adapterC. MMCX, 6m
750231	Cable for Yagi ant. incl. adapterC. MMCX, 10m
750232	Cable for Yagi ant. incl. adapterC. MMCX, 15m
750233	Cable for Yagi ant. incl. adapterC. MMCX, 20m
750234	Cable for Yagi ant. incl. adapterC. MMCX, 25m