

Accessories

Antennas for mobile communications

Perfect reception with the right antenna

We offer our customers a selection of different cellular radio antennas for professional use. The situation at the site should be considered before selecting an antenna. The use of patch or wall antennas is recommended in case of an installation inside a shielded building or switch cabinet. The long cable lead allows an installation outside the building/switch cabinet. The additional mounting bracket for wall mounting is very useful here.

Magnetic or angle antennas are used with devices that are installed in an environment where the reception is pretty good already. Of course, we also offer cable extensions for antennas.

Features

- Cellular radio antennas for GSM and UMTS networks
- Standard connections FME and SMA
- Adapter for embedded modules

Applications

- Automation
- Monitoring
- Energy management
- Traffic engineering

 <p>EBW W100 EBW WH100</p>	rev. SMA	 <p>WLAN magnetic base antenna</p>	 <p>WLAN angle antenna</p>
 <p>MLR IMO EBW</p>	SMA	 <p>Patch antenna Magnetic base antenna</p>	 <p>Threaded roof antenna Angle antenna</p>
 <p>MoRoS INSYS GSM small INSYS GPRS INSYS HSPA small</p>	FME	 <p>Magnetic base antenna Wall mount antenna</p>	 <p>Patch antenna Threaded roof antenna</p>

Technical Data

Antenna overview

FME Antennas	Magnetic base antenna	GSM/UMTS Wall mount antenna	GSM/UMTS Patch antenna	Threaded roof antenna GSM/UMTS
Frequencies (MHz)				
- GSM/2G	850, 900, 1800, 1900	850, 900, 1800, 1900	900, 1800, 1900	850, 900, 1800, 1900
- UMTS/3G	1920-2170	1710-2170	1800-2200	2100
Dimensions	Diameter 2.5 cm Height 9 cm	Height 20 cm	14.7 x 7 x 2 cm	Diameter 7.6 cm Height 2.3 (+1,4) cm
Cable	2.5 m	5 m	3 m	3 m
Connector	FME (f)	FME (f)	FME (f)	FME (f)
Gain	3 dBi	2 dBi	0 dBi	1-5 dBi
Accessories	-	Mounting bracket	Adhesive tape	-
Order number	10000647	10000657	10000672	10000674

SMA Antennas	Magnetic base antenna GSM/UMTS	Wall mount antenna GSM/UMTS	Angle antenna GSM/UMTS	Patch antenna GSM/UMTS/GPS	Threaded roof antenna GSM/UMTS (GPS)	
Frequencies (MHz)						
- GSM/2G	850, 900, 1800, 1900	50, 900, 1800, 1900	850, 900, 1800	850, 900, 1800, 1900	850, 900, 1800, 1900	
- UMTS/3G	1920-2170	2100	2100	800-2200	2100	
- GPS	-	-	-	x	-	x
Dimensions	Height 9 cm	Diameter 2.5 cm Height 20 cm	Height 5.3 cm	Diameter 5.5 cm Height 1.1 cm	Diameter 7.6 cm Height 2.3 cm	
Cable	3,0 m	5 m	-	3 m	2,7 m	
Connector	SMA (m)	SMA (m)	SMA (m)	2 x SMA (m)	SMA (m)	2 x SMA (m)
Gain	2.14 dBi	2 dBi	2.2 dBi	0 dBi	1-5 dBi	
Accessories	-	-	-	-	-	-
Order number	10000650	10015062	10000664	100014400	10000675	10000676

SMA WLAN Antennas	Angle antenna	Magnetic base antenna
WLAN	2,4 GHz	2,4 GHz
Dimensions	Height 27 cm	Height 10 cm
Cable	2,5 m	1,5 m
Connector	rev. SMA (m)	rev. SMA (m)
Gain	6 dBi	2 dBi
Accessories	Mounting brackets	-
Order number	10015910	10015909

Cable	GPRS adapter cable U.FL	Antenna cable extension	
Device connector	Hirose U.FL	FME (m)	SMA (f)
Antenna connector	FME (m)	FME (f)	SMA (m)
Lengths	120 mm 200 mm	5 m	5 m
		10 m	10 m
		15 m	15 m
		20 m	
Order number	10000704 10000706	10000737 10000738 10000739 10000740	10015193 10000742 10000735

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