

GSM/UMTS ANTENNAS

Antenna GSM/UMTS Magnetic U30, 3 dBi

SECTRON company offers wide portfolio of GSM antennas with various version differs by shape, level of gain or attachment manner.

SECTRON guarantee compatible connection between antenna and all antenna adaptors produced by SECTRON.

Features and benefits

- Quad-band 900/1800/1900/2100 MHz antenna
- Antenna suitable for outdoor using
- Magnetic base for easy attaching
- Thin bendy cable, length 3 m
- 3 dBi gain
- Available connectors: FME, SMA, RMCX



900 MHz



1800 MHz



1900 MHz



2100 MHz



3 dBi

3 m

RG
174/U

FME
optional

SMA
optional

RMCX
optional

Frequency range	900/1800/1900/2100 MHz
Radiation	H-360°, V-30°
Polarization	vertical
Gain	3 dBi
VSWR	< 1,8 : 1
Impedance	50 Ω
Power handling	10 W max.

Technical drawing of a cable assembly. The drawing shows a cable with a total length of 205 ± 3 . The cable has a diameter of $\phi 1.2$ and a section labeled 'A'. The cable is connected to a connector with a diameter of $\phi 4.3$ and a length of 72.2 . The connector is connected to a cable with a diameter of $\phi 8.0$ and a length of 3000 ± 50 . The cable is connected to a connector with a diameter of $\phi 30.00$ and a length of 20 . The drawing also shows a detail of the connector with dimensions 9.1 (HEX8.0), 7.80 , 6.10 , and 11.20 .

AO-AUMTS-M3S	Antenna GSM/UMTS Magnetic U30, 3 dBi, SMA
AO-AUMTS-M3F	Antenna GSM/UMTS Magnetic U30, 3 dBi, FME
AO-AUMTS-M3M	Antenna GSM/UMTS Magnetic U30, 3 dBi, RMCX

Attachment manner	Magnetic
Available connectors	SMA(m), FME(f), RMCX(f)
Cable	RG 174/U, 3 m
Minimal radius for bending	15 mm / 30 mm repetitive
Operating Temperature	- 30 to + 90 °C
Storage temperature	- 40 to + 95 °C
Weight	66 g
Dimension	ø 30 mm x 225 mm