



## GSM/UMTS/LTE ANTENNA

Antenna GSM/UMTS/LTE Screw  
Mount PUK, SUS316, SMA(m),  
Cable .195 Low-Loss, 5 m, IP67

AO-ALTE-R36S-195

SECTRON company offers a wide portfolio of GSM/UMTS/LTE antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

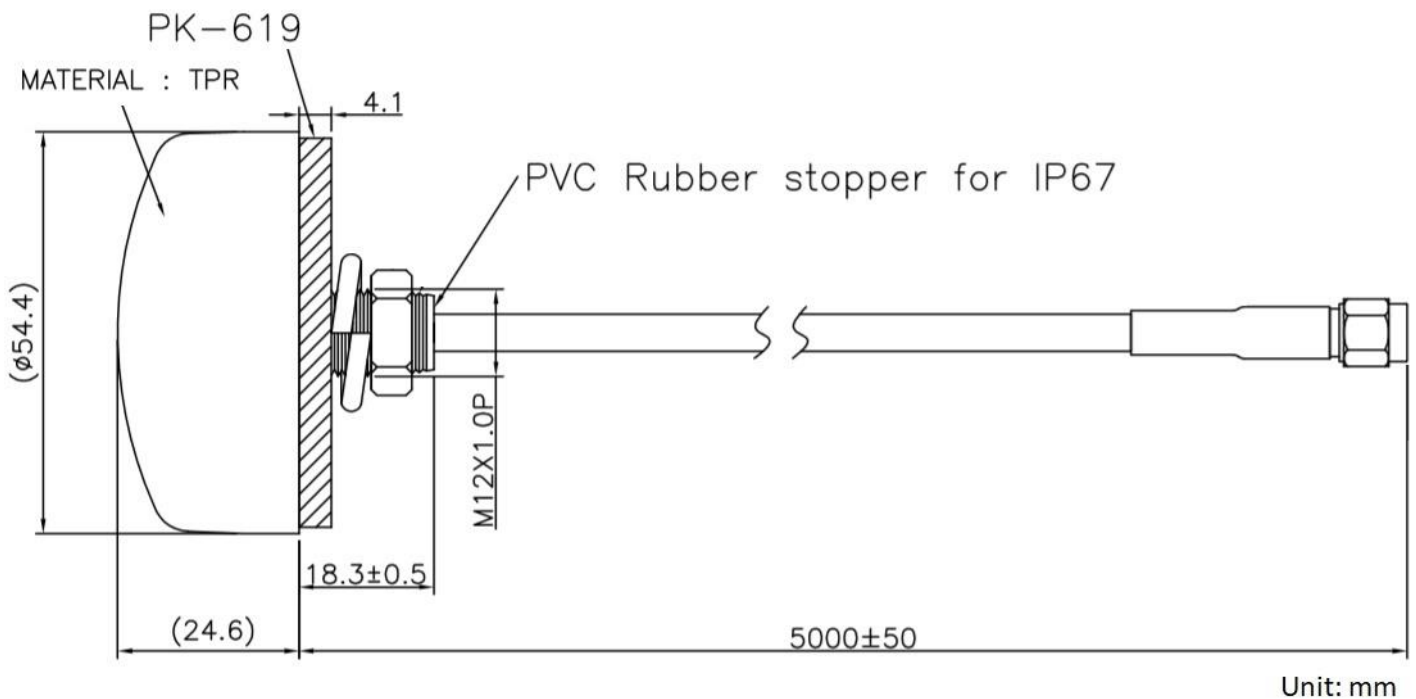


### BENEFITS

- Low loss cable
- Low VSWR
- Durable - Anti-vandal design
- Dust and water resistance - IP67

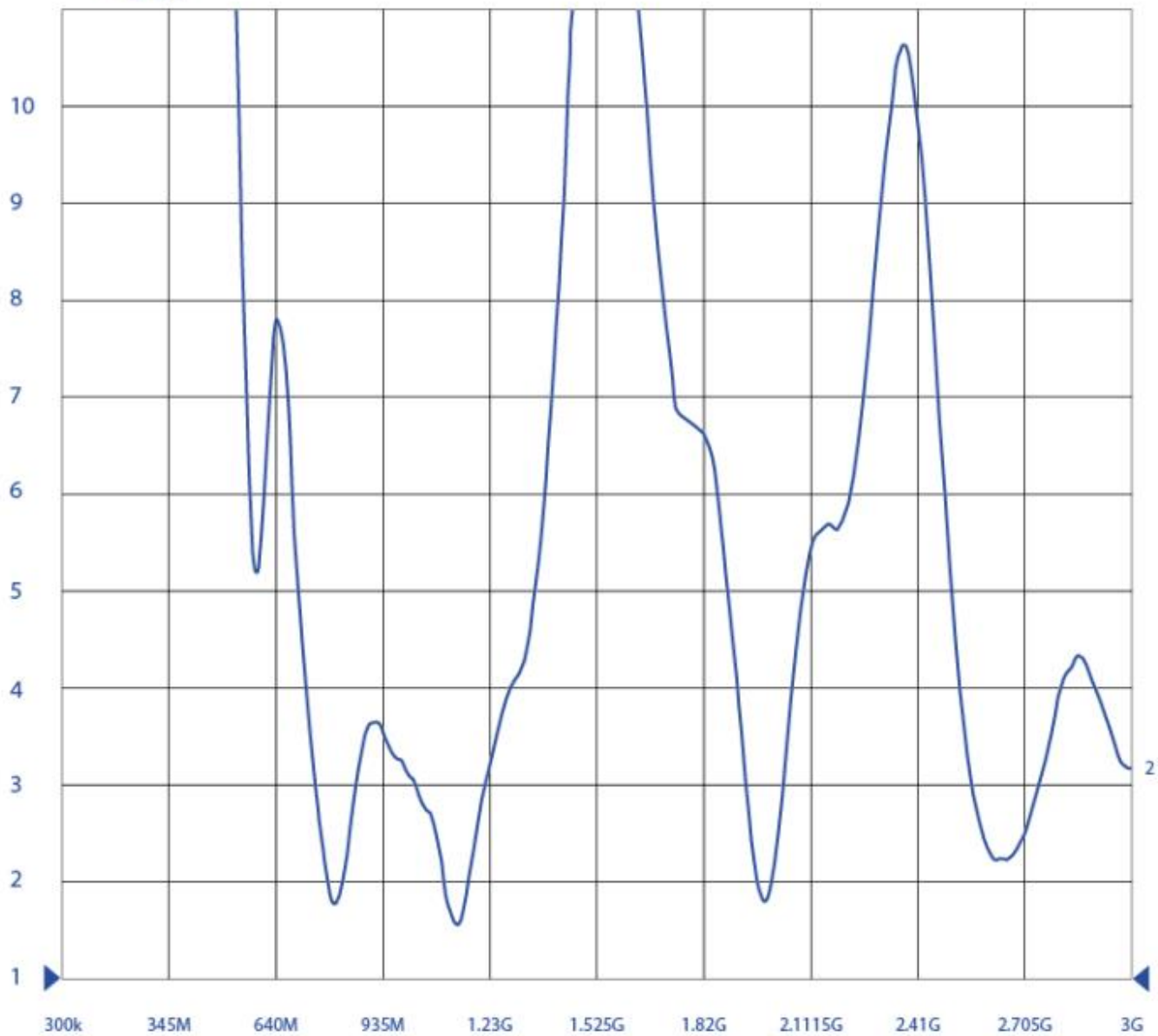
Technology	GSM/UMTS/LTE
Frequency bands	700/800/900/1710/1800/1900/2170/2600/2700 MHz
Bandwidth	-
Gain	2 dBi
VSWR	<2.0: 1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅54.4 x 24.6 mm
Weight	297.41 g
Operating temperature	-30 to +80 ° C
Execution	External
Method of attachment	Mounting
Cable type	.195
The cable length	5 m
Connector type	SMA(m)
Certification	ISO 9001, ISO14001, RoHS
IP code	IP67

DRAWING



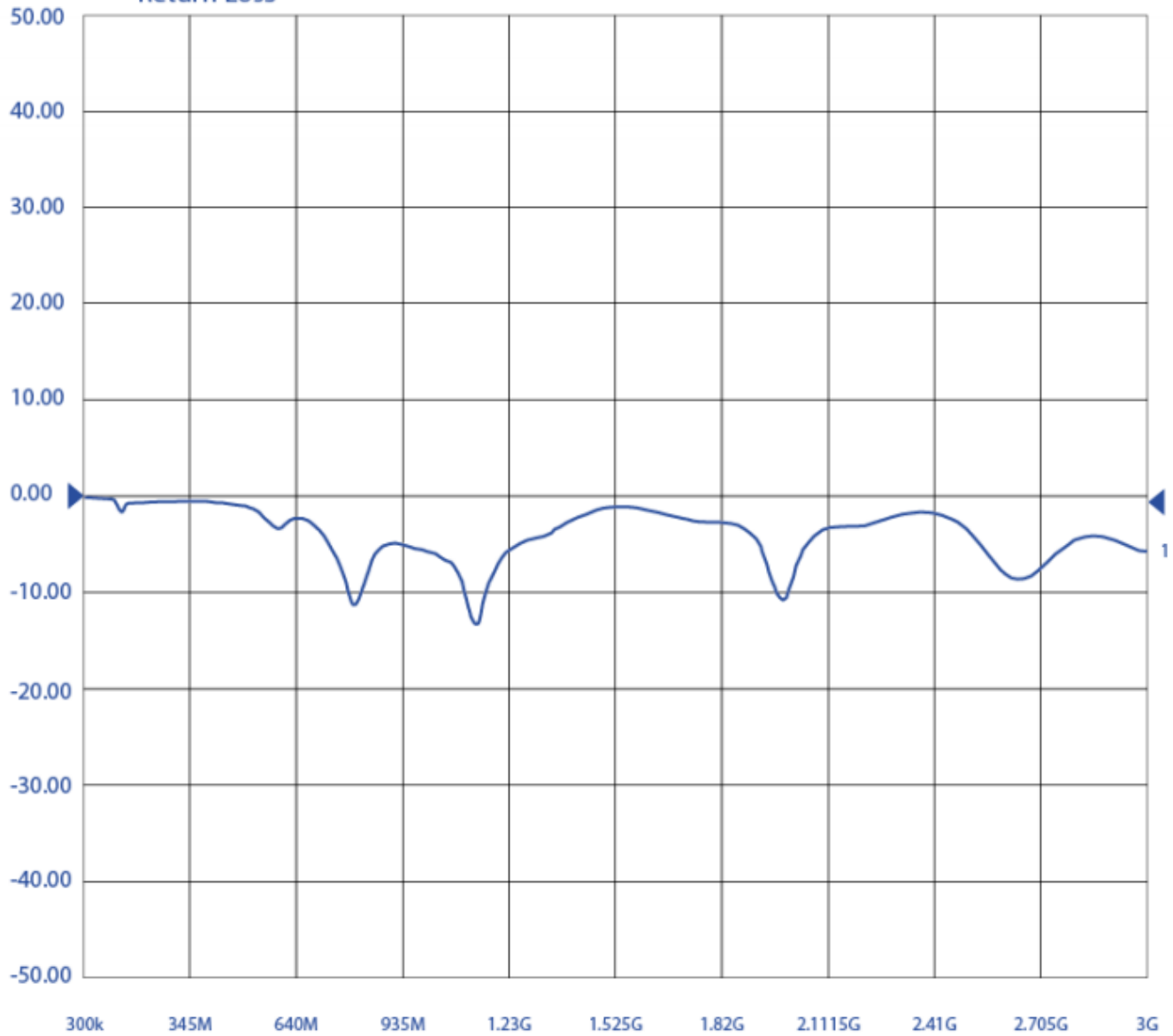
### Graph VSWR – Standing wave ratio [-]

Tr2 S11 SWR 1.000/ Ref 1.000  
VSWR



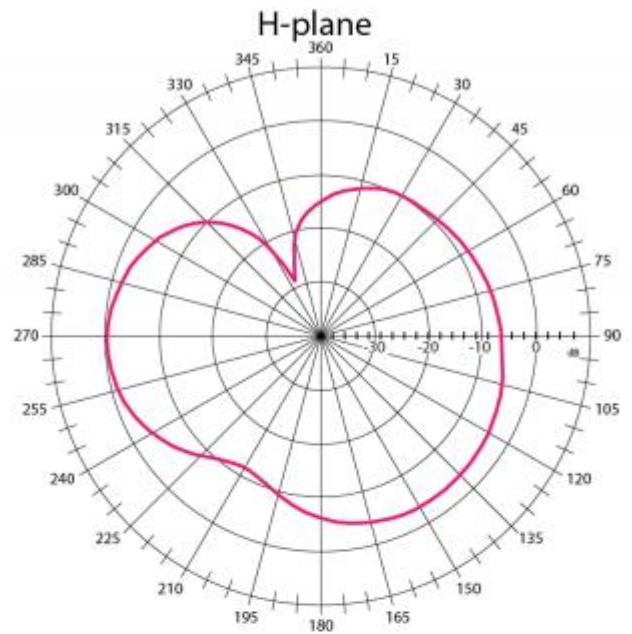
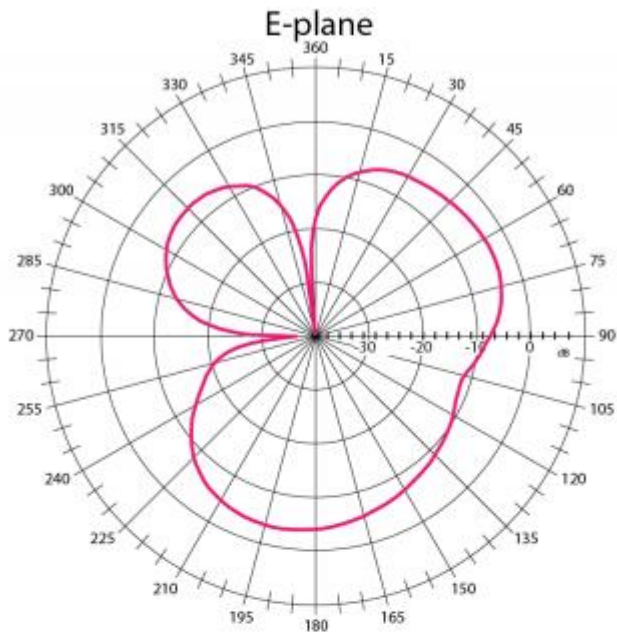
**Graph S11 – Return loss [dB]**

Tr1 S11 Log Mag 10.00 dB/REF 0.000 dB [RO]  
Return Loss

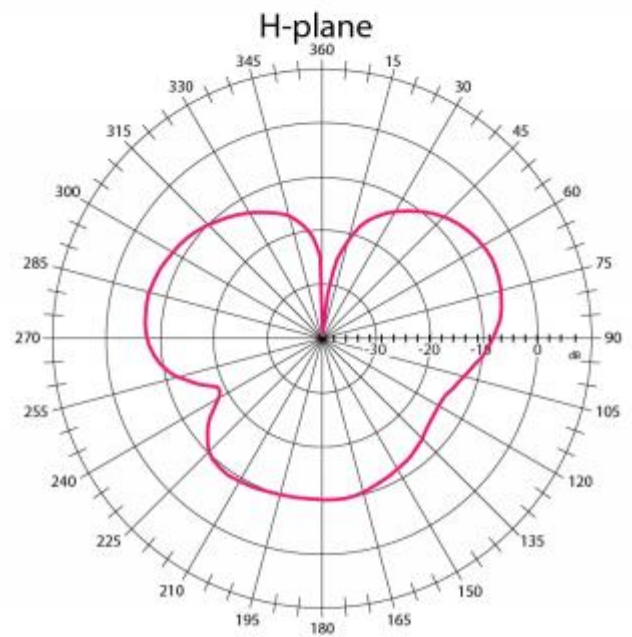
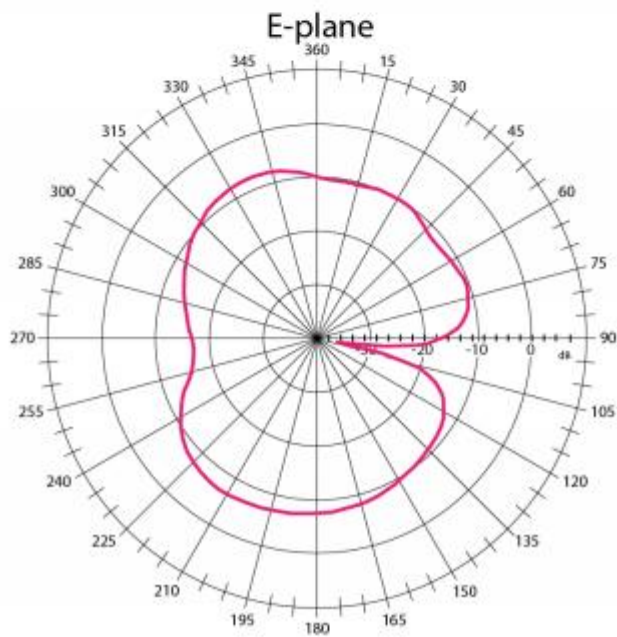


## Radiation pattern

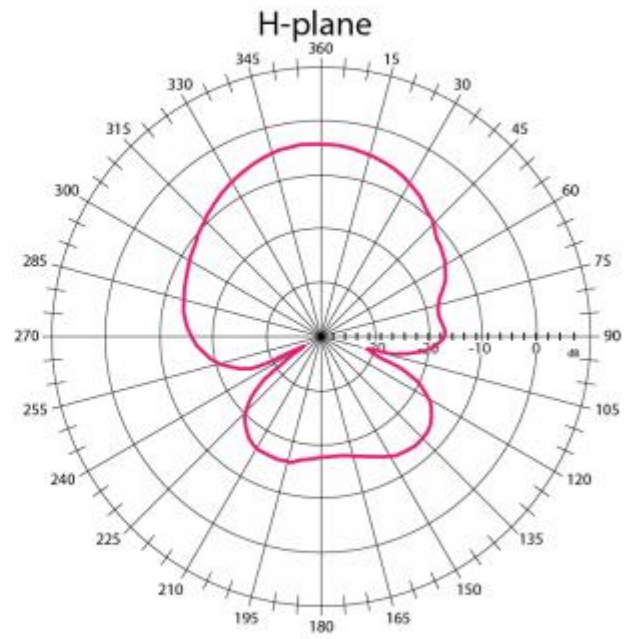
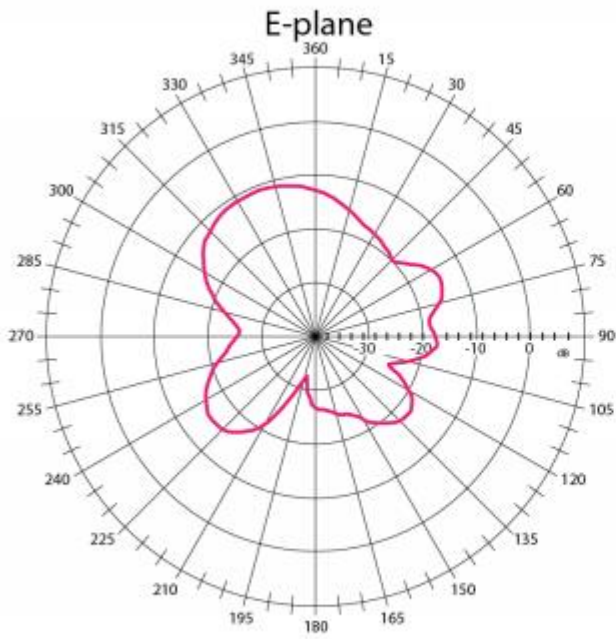
800 MHz



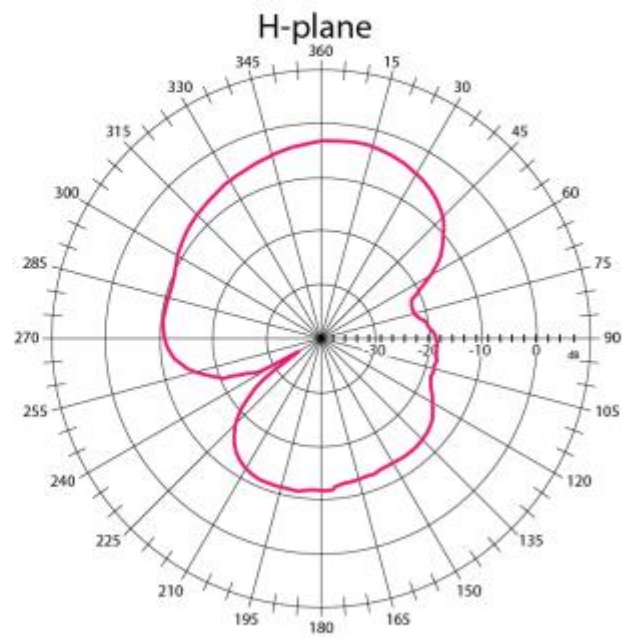
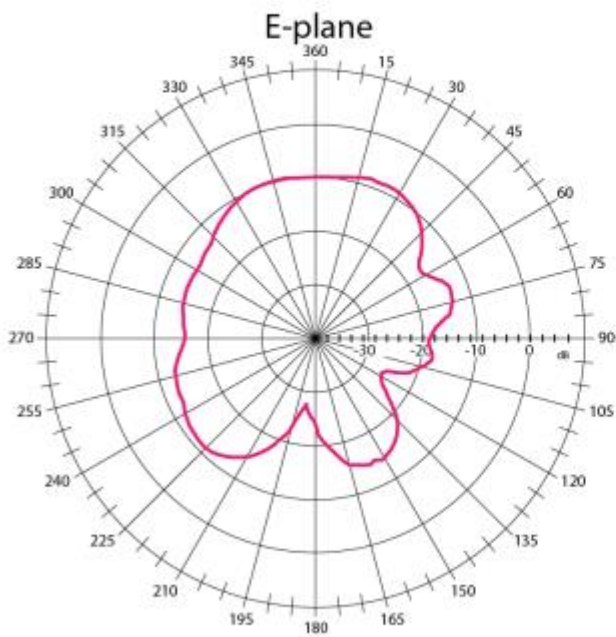
900 MHz



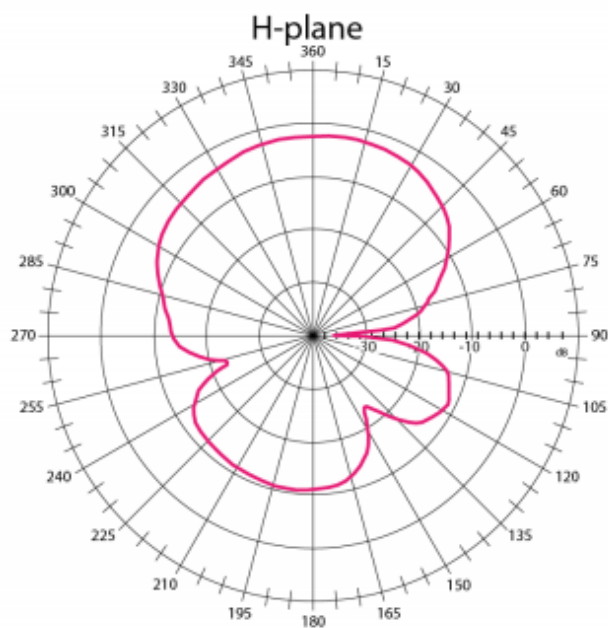
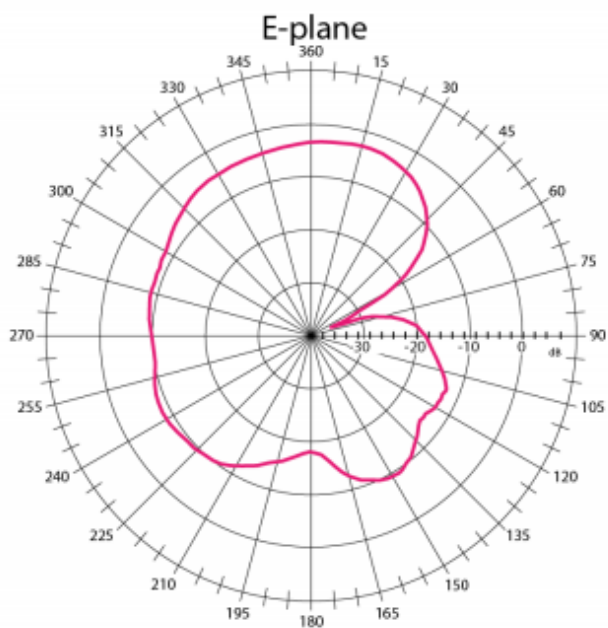
1700 MHz



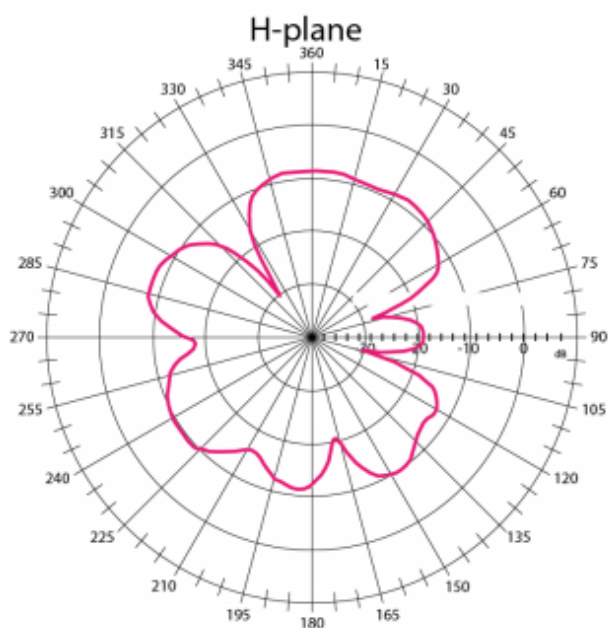
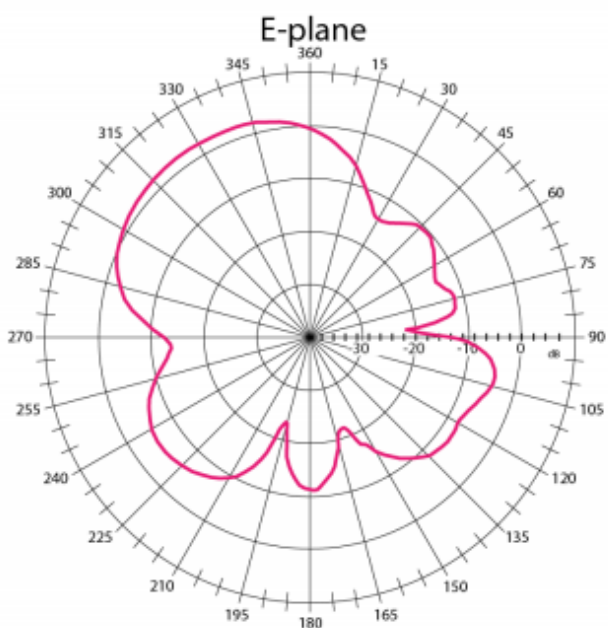
1800 MHz



## 2100 MHz



## 2600 MHz



## VARIANTS

Different connector variants or cable lengths are available on request.

## CONTACTS