

QP3212V

MULTIBAND DIRECTIONAL PANEL

ElettroMagnetic Services
SRL

- Covers GSM, DCS, DECT, UMTS, WiFi 2.4 GHz
- High gain and compact size
- Customization available



stainless steel tiltable rear bracket (option)

ELECTRICAL

Frequency	880 ÷ 960 MHz	(GSM)
	1710 ÷ 1900 MHz	(DCS/DECT)
	1920 ÷ 2170 MHz	(UMTS)
	2400 ÷ 2485 MHz	(WiFi)
Polarization	linear vertical	
VSWR	< 2	(GSM)
	< 1.6	(other bands)
	7 dBi	(GSM)
	10.5 dBi	(UMTS)
Gain	10 dBi	(DCS/DECT)
	9 dBi	(WiFi)
	> 18 dB	(GSM)
	> 20 dB	(other bands)
Front-to-back ratio	90°×60°	(GSM)
	50°×55°	(DCS/DECT)
	55°×60°	(UMTS)
	50°×100°	(WiFi)
Power rating	50 W cw	
Lightning protection	DC grounded anodized aluminium reflector	

MECHANICAL

Connector	N-female, 50 Ω	
Dimensions	160(W)×300(H)×45(D) mm	
Mass	600 g	
Wind loading	6 kg @ 150 km/h	
Standard finish	white plastic radome, anodized aluminium reflector	

MOUNTING

Standard interface	wall mount with screws and dowels
Mast mount	rear tiltable bracket available as option

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Since *ElettroMagnetic Services* is specialized in development and production of custom antennas, if you need electrical and/or mechanical modifications of this product to meet a particular application or requirements, please feel free to contact us directly.

HEADQUARTERS

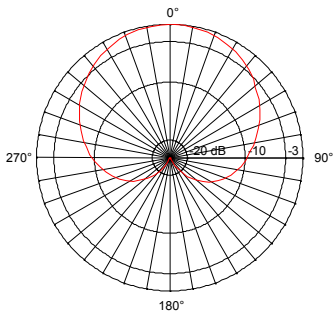
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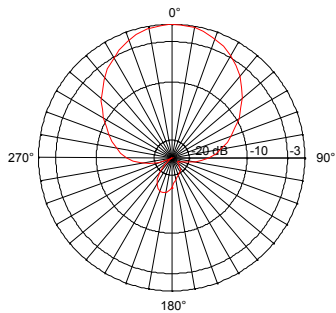
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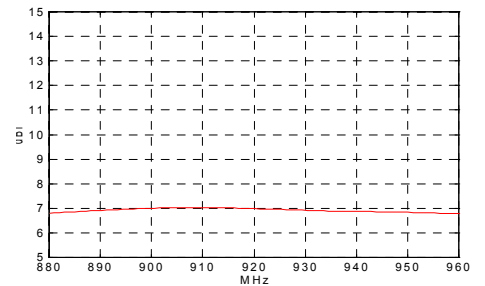
Azimuth/ Elevation patterns (GSM)



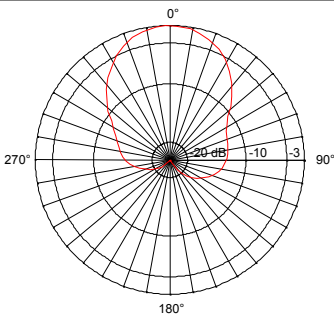
Azimuth/ Elevation patterns (GSM)



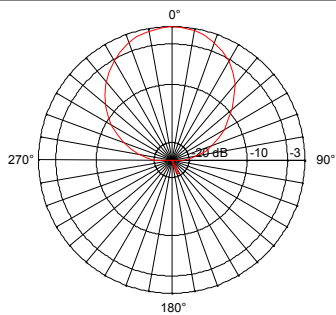
Gain (GSM)



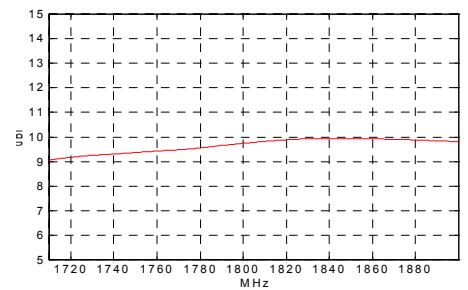
Azimuth/ Elevation patterns (DCS)



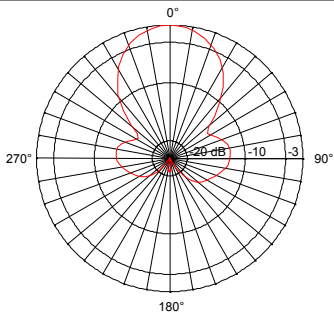
Azimuth/ Elevation patterns (DCS)



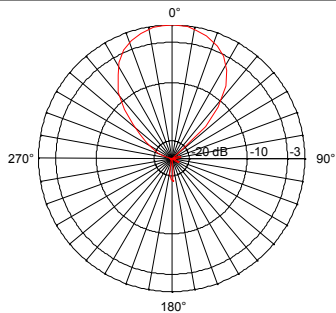
Gain (DCS)



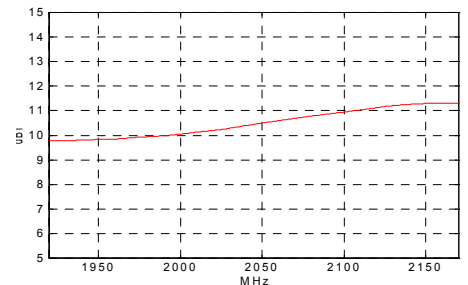
Azimuth/ Elevation patterns (UMTS)



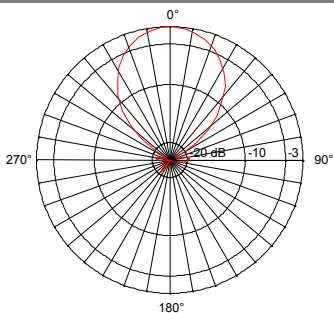
Azimuth/ Elevation patterns (UMTS)



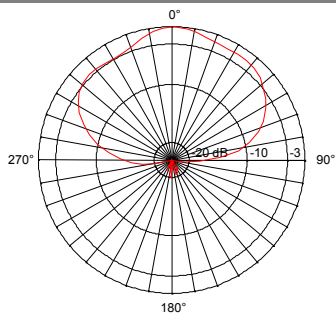
Gain (UMTS)



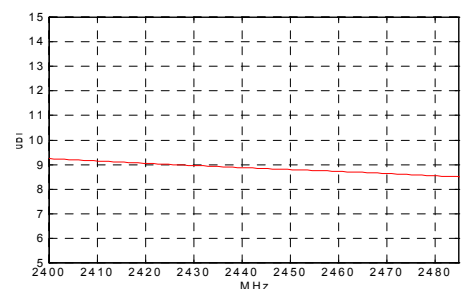
Azimuth/ Elevation patterns (WiFi)



Azimuth/ Elevation patterns (WiFi)



Gain (WiFi)



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