

## X-Dual-Band 900/DCS

with variable electrical tilts

**Model: IT65XMDGD21-7**

Remote Control Options (AISG compliant):

- ✓ Integrated option (iVET): tilt module installed inside the antenna.
- ✓ Retrofit option: tilt module installed outside the antenna.

### Electrical Specifications

	GSM 900 880 - 960 MHz	DCS 1710 - 2170 MHz
Polarization	Dual Slant 45	
H Plane Beamwidth	68° ± 2°	66° ± 4°
V Plane Beamwidth	8.1° ± 0.2°	6.6° ± 0.4°
Gain (dBi) (average all tilts)	15.2 ± 0.4	17.4 ± 0.2
Upper sidelobe level (0° to +30°)	< -15 dB	< -18 dB
Front to back ratio (180° ± 30°)	> 25 dB	> 25 dB
Cross polarization level (0° ± 30°)	> 15 dB	> 15 dB
Isolation between ports	Intra band: > 30 dB Inter-band: > 45 dB	
V.S.W.R. (50Ω)	< 1.5	< 1.5
Intermodulation (2 x 20 W carriers)	< -153 dBc (IM3)	< -165 dBc (IM7)
Variable Electrical Tilt	-2° to -10°	-2° to -10°
Maximum CW input power	500 W	500 W

### Mechanical Specifications

Dimensions (L/W/D)	2120 x 270 x 145 mm
Connectors	4 x 7/16 DIN
Weight	25 Kg
Mounting pole diameter	50 to 115 mm

