

X-Dual-Band DCS/UMTS

with variable electrical tilts

Model: IT65XMDDU15

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 1800 1710 - 1880 MHz	UMTS 1900 - 2170 MHz
Polarization	Dual Slant 45	
H Plane Beamwidth	65° ± 5°	65° ± 5°
V Plane Beamwidth	7.5° ± 0.5°	7° ± 0.5°
Gain (dBi) (average all tilts)	17.2 ± 0.3	17.8 ± 0.3
Upper sidelobe level (0° to +30°)	< -18 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	> 30 dB	
V.S.W.R. (50Ω)	< 1.5	< 1.5
Intermodulation (2 x 20 W carriers)	< -150 dBc (IM3)	< -160 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)	1450 x 270 x 145 mm
Connectors	4 x 7/16 DIN
Weight	15 Kg
Mounting pole diameter	50 to 115 mm

