

Tri-beam X-Pole 6 degree Fixed ET Antenna
Electrical Specifications

Frequency Range (MHz)	1710~2170
Polarization	X X X
Half-power H Beamwidth (°)	22° / 22° / 22°
Main Beam Direction	- 38° / 0° / + 38°
Half-power V Beamwidth (°)	12° / 12° / 12°
Electrical downtilt (°)	FET 6 6 6
Gain (dBi)	19 / 19 / 19
First Up-lobe Suppression (dB)	16
VSWR	<1.5
IM.3rd order (2×43dBm) (dBm)	<-107
Front-to-back Ratio (dB)	>30
Isolation (dB)	>25
Beam Isolation (dB)	>16
Impedance (Ω)	50
Maximum Input Power (W)	300
Lightning Protection	Direct Grounded

Mechanical Specifications

Connector Type	6×7/16 DIN Female
Connector Positio	Bottom
Antenna Size (L × W × H) mm	800×440×125
Antenna Weight (kg)	12
Weight of Fixing Kits (kg)	3.5
Rated Wind Velocity (m/s)	60
Operating Temperature (°C)	-40 ~ 70

Mounting Features

Diameter of Installation Pole (mm)	Φ50 ~ Φ110
Length of Installation Pole (mm)	≥ 1000
Mechanical Adjustable Angle Range (°)	0 or 0 ~ 10 Optional

Antenna Paterns

