



HXHM8X3WWW1616065T0AT06

FiberHome ®quad band antenna, RET compatible

790-960	1710-2690	1710-2690	1710-2690
X	X	X	X
65°	65°	65°	65°

Electrical Specifications

Frequency Range, MHz	790~896	870~960	1710~1880	1880~2200	2200~2500	2500~2690
Gain, dBi	15.5	15.6	15.5	15.8	15.9	16
VSWR	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5
Isolation between Ports, dB	≥28	≥28	≥28	≥28	≥28	≥28
Horizontal Beam Width, degrees	66	65	68	66	64	60
Vertical Beam Width, degrees	10.6	9	7.2	6.8	6.1	5.8
Upper Side Lobe Suppression, dB	≥16					
Electrical Downtilt, degrees	0-10	0-10	0-6	0-6	0-6	0-6
Cross Polarization Ratio, dB	≥15@0° (≥10@±60°)					
Front to Back Ratio, dB	Typ. ≥25					
Polarization	±45°					
Input Maximum CW Power, W	400	400	200	200	200	200
Intermodulation IM3, 2×20W, dBc	≤-153					
Impedance, Ω	50					

Mechanical Specifications

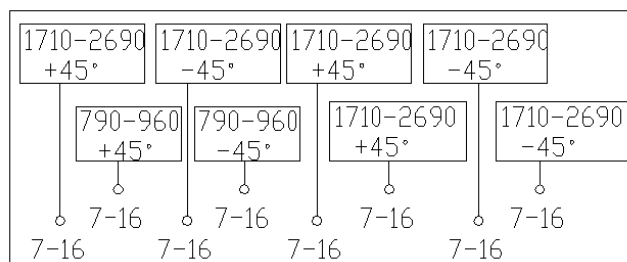
Lightning Protection	DC Ground
Input Connector	8×7/16 DIN female, Bottom
Adjustment mechanism	4x, Position bottom continuously adjustable
Dimensions of antenna	2290×355×165mm 90.1in ×13.9 in ×6.5 in
Packing size	2640×450×285mm 103.9in ×17.7in ×11.2in
Weight of antenna	24Kg / 29.2 Kg (Clamps incl.)
Diameter of installation pole	φ50 -φ110 mm
Tilt Bracket	0°-12°
Temperature range	-50°C ~+80°C
Wind load at 42m/s	1386.1 N
Max wind speed	60m/s
Radome material	Fiberglass

Special Information

Remote Electrical Tilt (RET) Optional, Model HX-RCU-B10with Factory Installed AISG 2.0

Brackets Includes 2 clamp sets and double nuts.

Interface structure



790-960/1710-2690/1710-2690/1710-2690 XXXX Pol