

Dual Band Trisector Antenna

Product Description

This dual band, dual slant trisector antenna is for Point to Multipoint, outdoor DAS, 3G and 4G applications. Features Include; wide band operation and independently accessible for each antenna section.

Technical Specifications

Model No.	TF-69CW-2-65
Antenna Type	Dual Band Trisector

Electrical Specifications:

Frequency range (MHz)	698 – 894 1710 - 2170
Gain (dBi)	≥ 10.4 for 698 – 894 MHz ≥ 13.2 for 1710 – 2170 MHz
VSWR	≤ 1.5
Polarization (degree)	+/- 45
Front to Back Ratio (dB)	≥ 18 for 698 – 894 MHz ≥ 24 for 1710 – 2170 MHz
Power Handling (W)	200
H-Plane Beam-width (deg.)	65 +/- 5
E-Plane Beam-width (deg.)	31 +/- 3 for 698 – 894 MHz 17.5 +/- 3 for 1710 – 2170 MHz
Termination (Ohms)	50
Port to Port Isolation (dB)	≥ 30
PIM (dBc)	≥ 150

Mechanical Specifications:

Height (mm)	635
Diameter	410
Weight Including Clamps (kg)	15
Radome	Fiber Glass / ABS
Connectors	7-16 DIN (F)
Connector Location	Bottom
Number of connector ports	12

Environmental Specifications:

Rated Wind Velocity (km/hr)	200
Lightening Protection	DC grounded
Temperature (C)	-40 to +70

