



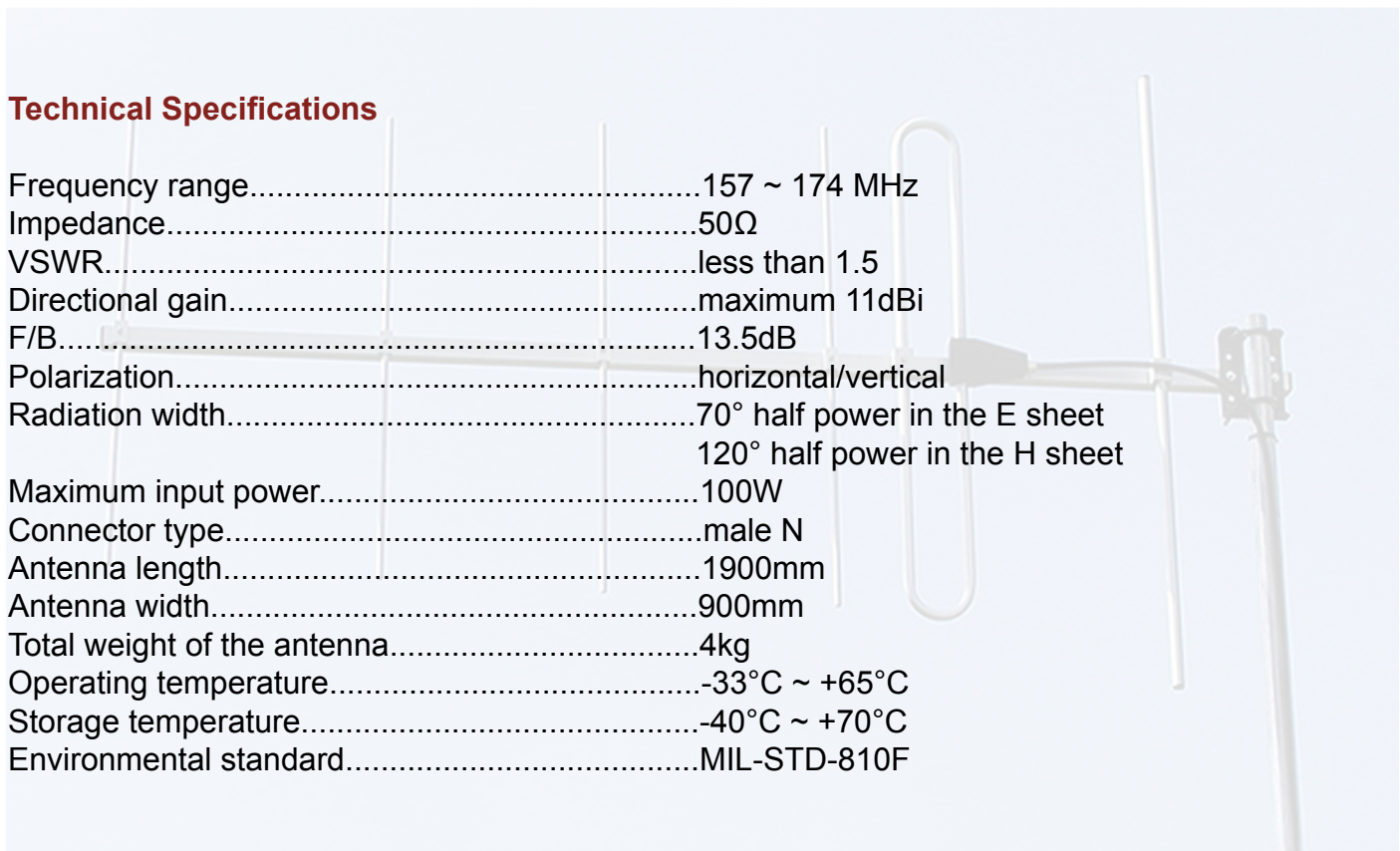
YGA-212/E

Yagi Antenna

This is a directional multi-element array antenna operated as a stationary antenna. Electrical features of this antenna family depends on number of the elements used in antenna structure. Polarization of the antenna can be changed depending on its installation horizontally/vertically.

YGA-212/E includes five elements designed and manufactured for VHF frequency band. All metallic components of the antenna are made of stainless steel connected to each other from DC and are grounded.

Technical Specifications



Frequency range.....	157 ~ 174 MHz
Impedance.....	50Ω
VSWR.....	less than 1.5
Directional gain.....	maximum 11dBi
F/B.....	13.5dB
Polarization.....	horizontal/vertical
Radiation width.....	70° half power in the E sheet 120° half power in the H sheet
Maximum input power.....	100W
Connector type.....	male N
Antenna length.....	1900mm
Antenna width.....	900mm
Total weight of the antenna.....	4kg
Operating temperature.....	-33°C ~ +65°C
Storage temperature.....	-40°C ~ +70°C
Environmental standard.....	MIL-STD-810F