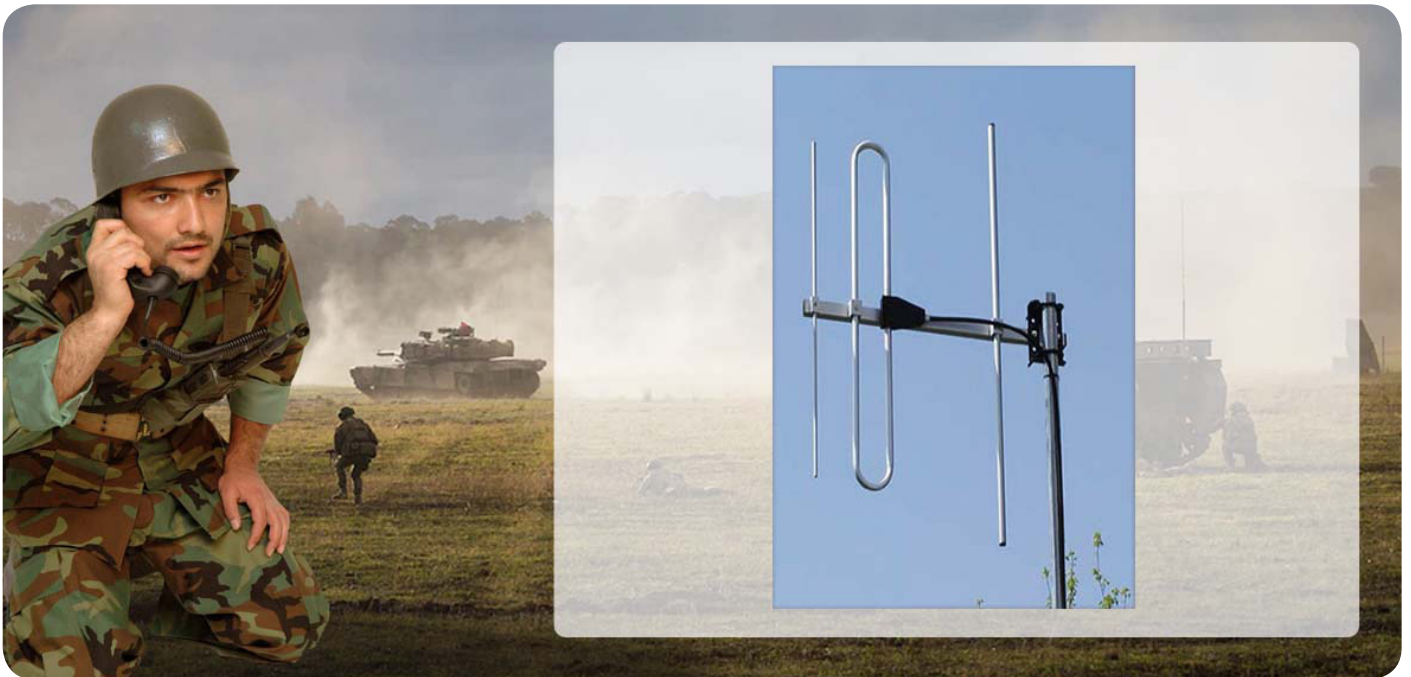




YGA-213/E

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-213/E includes three elements designed and manufactured for UHF 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.....	380 ~ 400 MHz
Impedance.....	50Ω
VSWR.....	less than 1.5
Directional gain.....	maximum 7dBi
F/B.....	16dB
Polarization.....	horizontal/vertical
Radiation width.....	120° half power directional
Maximum input power.....	100W
Connector type.....	male N
Antenna length.....	400mm
Antenna width.....	380mm
Total weight of the antenna.....	1.6kg
Operating temperature.....	-33°C ~ +65°C
Storage temperature.....	-40°C ~ +70°C
Environmental standard.....	MIL-STD-810F