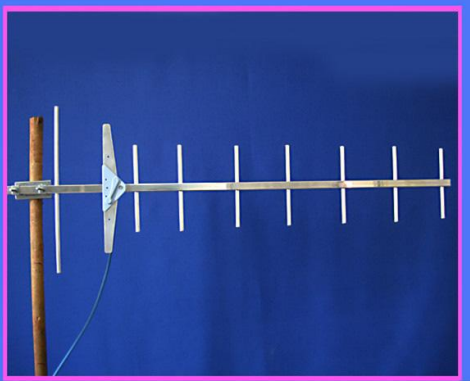


ANT-O-TVWS-BTS-8

Antenna for TVWS Base Station

Technical parameters	
Frequency range	470-700 MHz
Bandwidth	Broadband
Polarization	Vertical
Connector	N-type
Maximum Power Handling Capability	10 W
Gain (at mid band, ref. to $\lambda/2$ dipole)	8.0 dBi
VSWR (in the whole band)	< 1.8:1
Impedance	50 ohm
Front to back ratio	> 20 dB
Cross Polarization Isolation	> 24 dB
Lightning Protection	DC Grounded Elements
Horizontal Beamwidth (at -3 dB, depends on frequency)	90°
Vertical Beamwidth (at -3 dB, depends on frequency)	35° - 21°
	

About Runcom

Runcom, the recognized pioneer of Orthogonal Frequency Division Multiple Access (OFDMA®) WiMAX technology, provides a range of advanced, simple to install, OFDMA-based WiMAX infrastructure equipment that complies with the IEEE802.16e-2005 standard for WiBro and Mobile WiMAX applications.

The advanced, future-safe technologies embedded into Runcom products enable operators to get in on the ground floor - starting with either Fixed or Mobile WiMAX coverage and easily migrate to provide additional solutions as future opportunities arise. Runcom's Modular and highly integrated products encourage scalable network deployment that significantly improves CAPEX and OPEX performance.