

AW3639



Small Package, Big Punch

The AW3639 is the Swiss Army™ knife of antennas. It is small but carries a big punch. This multi-band, multi-port antenna solution facilitates maximum utilization of spectrum holdings. It is ideally suited for providing high capacity in densely populated areas.



8 Ports



4 wideband (1695 – 2690 MHz)
2 highband (3400 – 3800 MHz)
2 highband (5150 – 5925 MHz)

Tilt



Wideband: T2° – T10° enclosed Remote Electrical Tilt (eRET)
Highbands: T0° Fixed Tilt (FT)

Applications



Maximum Capacity

As a multi-band antenna this solution allows an operator to use most or all of their spectrum holdings to satisfy the demands of subscribers in densely populated areas. It is very useful at sporting and entertainment venues.



Multi-Operator

This antenna can be used by different operators simultaneously. This provides the opportunity to share real-estate and backhaul costs. Fewer antennas also results in reduced visual impact.

Frequency Range per Input	MHz	1695 - 1995	1920-2170	2170-2500	2500-2690	3400-3800	5150-5925
		Ports 5 to 8				Ports 1 & 2	Ports 3 & 4
Azimuth Beamwidth	degree	71	67	63	58	63	70
Elevation Beamwidth	degree	19.0	17.0	15.0	13.0	30.0	30.0
Gain							
2 Tilt	dBi	13.4	13.8	14.0	14.2	10(T0)	6(T0)
7 Tilt	dBi	13.3	13.6	13.8	14.0	10(T0)	6(T0)
10 Tilt	dBi	12.9	13.3	13.5	13.7	10(T0)	6(T0)
Over all Tilts	dBi	13.2	13.6	13.8	14.0	10(T0)	6(T0)
Polarization	NA	+/-45° Slant Linear					

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