

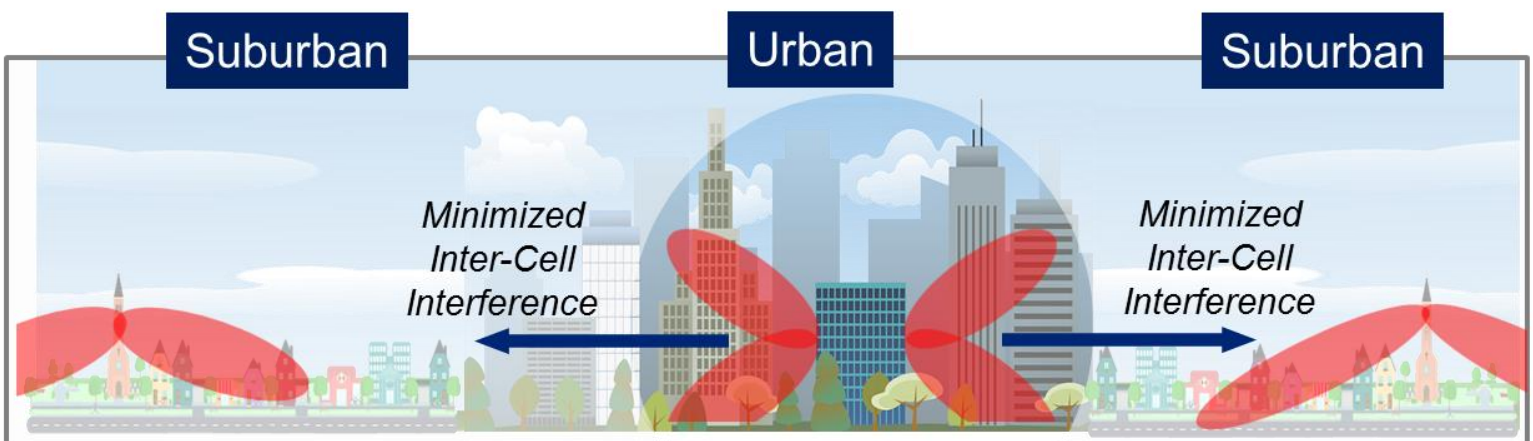
- Unique split beam in Elevation plane is optimized for Urban Core environments providing both high-rise and street coverage.
- Sharp null in Elevation reduces Inter-Cell Interference to and from the wider network outside of Urban core.
- Excellent Internal PIM, Environmental PIM and Quality.

Electrical Characteristics	2x Ports 1-2		4x Ports 3-6			
	Operating Frequency (MHz)	698-806	824-894	1695-1780	1850-1995	2100-2200
Azimuth beamwidth ¹	52°	43°	43°	40°	44°	40°
Elevation beamwidth ¹	2x28°	2x24°	2x10°	2x10°	2x9°	2x9°
Gain ¹ (dBi)	10.6	11.8	13.5	13.9	13.5	14.2
Polarization	±45°		2x ±45°			
Fixed Electrical Split Beam tilts	±24°	±22°	±10°	±10°	±8°	±8°
Front-to-Back (±20° cone) ¹ (dB)	26	25	25	26	25	27
Interband isolation ¹ (dB)	30		30			
Return loss dB (VSWR)	≥14(≤1.5)		≥14dB(≤1.5)			
XPD at Boresight (dB)	15	17	19	18	15	18
Max Power handling (per port)	300 Watts		250 Watts			
PIM (3 rd Order) (2x43dBm)	>153dBc		>153dBc			

¹ Typical Performance across frequency.



Mechanical Characteristics	
Dimensions	L40.0" x W17.0" x D7.0" (1016 x 432 x 178mm)
Weight (excl mounting brackets)	35lbs (15.9kg)
No. of Connectors	6x 4.3-10
Max Wind Speed	150mph (67m/s)
Operating Temperature	-40°C to +60°C
Wind Load @149km/h	Frontal: 126lbf (560N)



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