QS366-SB

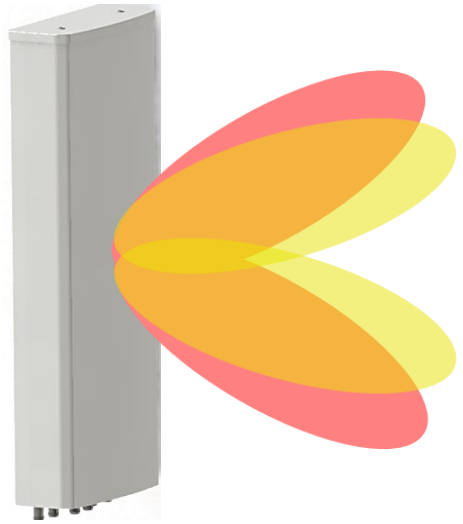
3ft, 6-Port, 65º, Panel Antenna with Split Beam in Elevation

2x698-894MHz / 4x1695-2690MHz

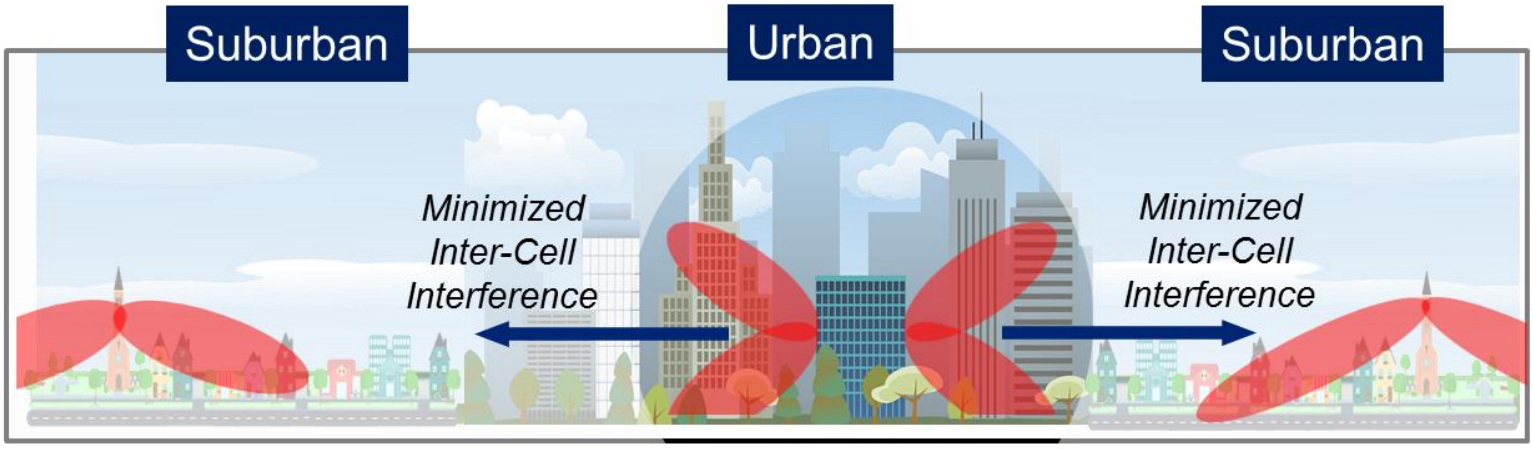
- Unique split beam in Elevation plane is optimized for Urban Core environments providing both high-rise and street coverage.
- Sharp null in Elevation reduces Inter-Cell Interference to and from the wider network outside of Urban core.
- Excellent Internal PIM, Environmental PIM and Quality.

Electrical Characteristics	2x Ports 1-2		4x Ports 3-6			
Operating Frequency (MHz)	698-806	824-894	1695-1780	1850-1995	2100-2200	2300-2400
Azimuth beamwidth[1]	83º	76º	73º	66º	67º	62º
Elevation beamwidth[1]	2x28º	2x24º	2x11º	2x10º	2x9º	2x9º
Gain[1] (dBi)	8.7	9.8	12.3	12.7	13.0	14.2
Polarization	±45º		2x ±45º			
Fixed Electrical Split Beam tilts	±24º	±22º	±10º	±9º	±9º	±8º
Front-to-Back (±20º cone)[1] (dB)	22	23	27	27	26	28
Interband isolation[1] (dB)	30		30			
Return loss dB (VSWR)	≥14(≤1.5)		≥14dB(≤1.5)			
XPD at Boresight (dB)	22	20	19	21	20	22
Max Power handling (per port)	300 Watts		250 Watts			
PIM (3rd Order) (2x43dBm)	>153dBc		>153dBc			

[1] *Typical Performance across frequency.*



Mechanical Characteristics	
Dimensions	L36.0” x W12.0” x D7.0” (914 x 305 x 178mm)
Weight (excl mounting brackets)	30lbs (13.6kg)
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: 80lbf (356N)



Tel: +1 (585) 420-8720
info@quintelsolutions.com
www.quintelsolutions.com