



CONNECTING
PEOPLE +
TECHNOLOGY

600 MHz

MULTI-PORT ANTENNAS



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600 MHz MULTIPORT ANTENNAS

TWIN6510LU000G-T

8-Port, 10ft

65°

FREQUENCY BANDS (MHz)	(2x) 617-906 MHz			(2x) 1695-2700 MHz			
	617-698	698-798	800-906	1695-1880	1850-1990	1920-2200	2300-2700
POLARIZATION	(2x) ±45°			(2x) ±45°			
HORIZONTAL BEAMWIDTH	70° ±7.8°	62.9° ±6.4°	56.7° ±7.7°	65.1° ±12.2°	71.2° ±9.7°	63.7° ±13.5°	55.6° ±8.9°
GAIN OVER ALL TILTS (dBi)	16.4 ±0.5	16.6 ±0.5	16.1 ±0.7	16.6 ±0.8	16.8 ±0.7	17.1 ±0.8	16.9 ±0.8
ELECTRICAL DOWNTILT	0-10°			2-10°			
IM3 (2X20W CARRIER)	< -153 dBc			< -153 dBc			
CONNECTORS	(8x) 4.3-10 Female Long Neck						
DIMENSIONS	2954 x 666 x 216 mm (116.3 x 26.2 x 8.5 in)						

TWIN658LU000G-T

8-Port, 8ft

65°

FREQUENCY BANDS (MHz)	(2x) 617-906 MHz			(2x) 1695-2700 MHz			
	617-698	698-798	800-906	1695-1880	1850-1990	1920-2200	2300-2700
POLARIZATION	(2x) ±45°			(2x) ±45°			
HORIZONTAL BEAMWIDTH	73.1° ±5.8°	73.0° ±5.7°	69.6° ±6.4°	63.1° ±9.7°	63.1° ±12.1°	52.1° ±15.0°	51.8° ±7.4°
GAIN OVER ALL TILTS (dBi)	15.5 ±0.8	15.9 ±0.5	15.3 ±0.5	17.0 ±0.6	17.2 ±0.6	17.4 ±0.7	17.4 ±0.9
ELECTRICAL DOWNTILT	0-10°			2-10°			
IM3 (2X20W CARRIER)	< -153 dBc			< -153 dBc			
CONNECTORS	(8x) 4.3-10 Female Long Neck						
DIMENSIONS	2449 x 666 x 216 mm (96.4 x 26.2 x 8.5 in)						

TWIN656LU000G-T

8-Port, 6ft

65°

FREQUENCY BANDS (MHz)	(2x) 617-906 MHz			(2x) 1695-2700 MHz			
	617-698	698-798	800-906	1695-1880	1850-1990	1920-2200	2300-2700
POLARIZATION	(2x) ±45°			(2x) ±45°			
HORIZONTAL BEAMWIDTH	73.9° ±8.1°	74.4° ±7.9°	73.1° ±10.7°	71.1° ±5.3°	69.3° ±5.5°	65.5° ±7.1°	64.7° ±8.9°
GAIN OVER ALL TILTS (dBi)	14.8 ±0.5	14.7 ±0.6	14.3 ±0.6	17.0 ±0.7	17.3 ±0.5	17.4 ±0.6	17.2 ±1.1
ELECTRICAL DOWNTILT	0-12°			2-10°			
IM3 (2X20W CARRIER)	< -153 dBc			< -153 dBc			
CONNECTORS	(8x) 4.3-10 Female Long Neck						
DIMENSIONS	1936 x 660 x 214 mm (76.2 x 26.0 x 8.4 in)						

600 MHz MULTIPORT ANTENNAS

QUAD658LU000G-T

4-Port, 8ft

65°

FREQUENCY BANDS (MHz)	617-906 MHz			1695-2700 MHz			
	617-698	698-798	800-906	1695-1880	1850-1990	1920-2200	2300-2700
POLARIZATION	±45°			±45°			
HORIZONTAL BEAMWIDTH	68.9° ±2.6°	68.6° ±3.2°	68.4° ±4.3°	58.4° ±4.4°	61.2° ±7.6°	60.2° ±6.6°	58.5° ±5.0°
GAIN OVER ALL TILTS (dBi)	15.2 ±0.6	15.3 ±0.5	15.6 ±0.5	16.5 ±0.5	16.7 ±0.8	17.0 ±0.8	17.2 ±0.7
ELECTRICAL DOWNTILT	0-10°			2-10°			
IM3 (2X20W CARRIER)	< -153 dBc			< -153 dBc			
CONNECTORS	(4x) 4.3-10 Female Long Neck						
DIMENSIONS	2433 x 401 x 214 mm (95.8 x 15.8 x 8.4 in)						

PRELIMINARY

QUAD656LU000G-T

4-Port, 6ft

65°

FREQUENCY BANDS (MHz)	617-906 MHz			1695-2700 MHz			
	617-698	698-798	800-906	1695-1880	1850-1990	1920-2200	2300-2700
POLARIZATION	±45°			±45°			
HORIZONTAL BEAMWIDTH	68.9° ±2.6°	68.6° ±3.2°	68.4° ±4.3°	58.4° ±4.4°	61.2° ±7.6°	60.2° ±6.6°	58.5° ±5.0°
GAIN OVER ALL TILTS (dBi)	14.2 ±0.6	14.3 ±0.5	14.6 ±0.5	16.5 ±0.5	16.7 ±0.8	17.0 ±0.8	17.2 ±0.7
ELECTRICAL DOWNTILT	0-12°			2-10°			
IM3 (2X20W CARRIER)	< -153 dBc			< -153 dBc			
CONNECTORS	(4x) 4.3-10 Female Long Neck						
DIMENSIONS	1936 x 401 x 214 mm (76.2 x 15.8 x 8.4 in)						

PRELIMINARY

QUAD458LU000G-T

4-Port, 8ft

45°

FREQUENCY BANDS (MHz)	617-906 MHz			1695-2700 MHz			
	617-698	698-798	800-906	1695-1880	1850-1990	1920-2200	2300-2700
POLARIZATION	±45°			±45°			
HORIZONTAL BEAMWIDTH	49.0° ±2.6°	48.5° ±3.2°	48.0° ±4.3°	48.0° ±4.4°	49.0° ±7.6°	48.0° ±6.6°	47.0° ±5.0°
GAIN OVER ALL TILTS (dBi)	16.2 ±0.6	16.3 ±0.5	16.6 ±0.5	17.5 ±0.5	17.7 ±0.8	18.0 ±0.8	18.2 ±0.7
ELECTRICAL DOWNTILT	0-10°			2-10°			
IM3 (2X20W CARRIER)	< -153 dBc			< -153 dBc			
CONNECTORS	(4x) 4.3-10 Female Long Neck						
DIMENSIONS	2439 x 531 x 221 mm (96.0 x 20.9 x 8.7 in)						

PRELIMINARY

QUAD456LU000G-T

4-Port, 6ft

45°

FREQUENCY BANDS (MHz)	617-906 MHz			1695-2700 MHz			
	617-698	698-798	800-906	1695-1880	1850-1990	1920-2200	2300-2700
POLARIZATION	±45°			±45°			
HORIZONTAL BEAMWIDTH	49.0° ±2.6°	48.5° ±3.2°	48.0° ±4.3°	48.0° ±4.4°	49.0° ±7.6°	48.0° ±6.6°	47.0° ±5.0°
GAIN OVER ALL TILTS (dBi)	15.2 ±0.6	15.3 ±0.5	15.6 ±0.5	17.5 ±0.5	17.7 ±0.8	18.0 ±0.8	18.2 ±0.7
ELECTRICAL DOWNTILT	0-12°			2-10°			
IM3 (2X20W CARRIER)	< -153 dBc			< -153 dBc			
CONNECTORS	(4x) 4.3-10 Female Long Neck						
DIMENSIONS	1936 x 521 x 214 mm (76.2 x 20.5 x 8.4 in)						

PRELIMINARY



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