



# 600 MHz MULTI-PORT 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) |             |              |                    |             |             |             |

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) |             |             |               |             |             |             |

# Amphenol

Turkey&MiddleEast

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