

V17-010-01-A0-E



2-port Venue Antenna, 1695-2690 MHz, 17° HPBW, Fixed Tilt

- Designed with CleanBeam™ technology
- 2T2R MetaLens™ antenna
- Supports 2x2 MIMO
- 17° azimuth and 17° elevation beamwidth

General Specifications

| | |
|-------------------------------------|--|
| Color | White |
| Grounding Type | RF connector inner conductor and body grounded to reflector and mounting bracket |
| Radome Material | ASA, UV resistant |
| RF Connector Interface | 4.3-10 Female |
| RF Connector Quantity, total | 2 |

Dimensions

| | |
|---|--------------------|
| Width | 503 mm 19.803 in |
| Depth | 684 mm 26.929 in |
| Length | 503 mm 19.803 in |
| Net Weight, without mounting kit | 14 kg 30.865 lb |

Port Configuration

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Electrical Specifications

| | |
|---------------------------------|-----------------|
| Operating Frequency Band | 1695 – 2690 MHz |
| Polarization | ±45° |

Electrical Specifications

| | Y1,Y2 | Y1,Y2 | Y1,Y2 | Y1,Y2 |
|---|------------------|------------------|------------------|------------------|
| Frequency Band, MHz | 1695–1890 | 1850–1990 | 1990–2200 | 2200–2690 |
| RF Port | 1,2 | 1,2 | 1,2 | 1,2 |
| Gain, dBi | 18 | 18.5 | 18.9 | 20 |
| Beamwidth, Horizontal, degrees | 21 | 20 | 19 | 16 |
| Beamwidth, Vertical, degrees | 21 | 20 | 19 | 16 |
| USLS (First Lobe), dB | 20 | 21 | 21 | 22 |
| Front-to-Back Ratio at 180°, dB | 38 | 40 | 40 | 42 |
| Front-to-Back Ratio, Copolarization 180° ± 30°, dB | 33 | 36 | 34 | 30 |
| Isolation, Cross Polarization, dB | 25 | 25 | 25 | 25 |
| VSWR Return loss, dB | 1.5 14.0 | 1.5 14.0 | 1.5 14.0 | 1.5 14.0 |
| PIM, 3rd Order, 2 x 20 W, dBc | -153 | -153 | -153 | -153 |
| Input Power per Port, maximum, watts | 200 | 200 | 200 | 200 |

Packaging and Weights

V17-010-01-A0-E

| | |
|-----------------------|--------------------|
| Width, packed | 616 mm 24.252 in |
| Depth, packed | 750 mm 29.528 in |
| Length, packed | 826 mm 32.52 in |
| Weight, gross | 27 kg 59.525 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|-----------------------|
| UK-ROHS | Compliant |

Included Products

- 600899A-2 - Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.