

Outdoor Dual Band Combiner

380 - 960 and 1710 - 2700 MHz

PRODUCT FEATURES

- Extra wideband design for feeder sharing between systems in 380-960 MHz and 1710-2700 MHz range
- Long connectors allow ease of waterproofing
- High power handling and low loss – maximizes system performance
- Built with optional DC bypass, to be used with Tower Mounted Amplifiers and AISG compliant devices



| TECHNICAL SPECIFICATIONS | | |
|--|--|-----------------|
| ELECTRICAL | | |
| FREQUENCY RANGE | 380 - 960 MHz | 1710 - 2700 MHz |
| INSERTION LOSS | ≤0.2 dB | |
| ISOLATION BETWEEN PORTS | ≥60 dB | |
| RETURN LOSS | ≥20 dB | |
| MAXIMUM INPUT POWER PER PORT | 500 W | 300 W |
| INTERMODULATION PRODUCTS | ≤-155 dBc @ 2x43 dBm | |
| IMPEDANCE | 50 Ohm | |
| MECHANICAL | | |
| DIMENSIONS (L x W x H), excluding connectors and mounting bracket | Single unit: 180 x 110 x 50 mm (7.1 x 4.3 x 2.0 in) Double units: 180 x 110 x 103 mm (7.1 x 4.3 x 4.0 in) | |
| WEIGHT , including connectors and mounting bracket | Single unit: 2.0 kg (4.3 lb) Double units: 3.9 kg (8.6 lb) | |
| COLOR | Light Grey | |
| RF CONNECTORS | 7/16 DIN-Female | |
| MOUNTING KITS | Pole (clamps included for ø 35-125 mm Pole) or Wall mounted | |
| OPERATING TEMPERATURE RANGE | -40 to +65°C | |
| OPERATIONAL HUMIDITY | ≤95% | |
| ENVIRONMENT CLASS | IP66 (Indoor or Outdoor) | |
| SHIPPING DIMENSIONS (L x W x H) | Single unit: 405 x 226 x 210 mm (15.9 x 8.9 x 8.3 in) Double units: 405 x 225 x 275 mm (15.9 x 8.9 x 10.8 in) | |
| SHIPPING WEIGHT | Single unit: 3.0 kg (6.6 lb) Double units: 5.0 kg (11.0 lb) | |
| LIGHTNING PROTECTION | Comply with IEC 61000-4-5; 8kA, 8/20µs | |
| MTBF | Single unit: >1,000,000 h Double units: >500,000 h | |

| ORDERING INFORMATION | | |
|--------------------------|---------------------------|----------------------|
| SINGLE UNIT MODEL NUMBER | DOUBLE UNITS MODEL NUMBER | DC BYPASS OPTIONAL |
| COMD-0327-CA00 | COMD-0327-CD00 | No DC Bypass |
| COMD-0327-CA01 | COMD-0327-CD01 | DC Bypass @380-960 |
| COMD-0327-CA02 | COMD-0327-CD02 | DC Bypass @1710-2700 |
| COMD-0327-CA04 | COMD-0327-CD04 | Full DC Bypass |

BLOCK DIAGRAM

