

Outdoor Quad-band Combiner

380 - 960, 1710 - 1880, 1920 - 2170 and 2500 - 2690 MHz

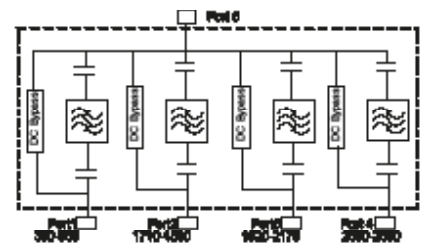
PRODUCT FEATURES

- Designed for feeder sharing and co-location purpose
- High power handling and low loss – maximizes system performance
- High isolation – minimizes interference
- Built with full band DC bypass, to be used with Tower Mounted Amplifiers and AISG compliant devices



TECHNICAL SPECIFICATIONS				
ELECTRICAL				
FREQUENCY RANGE	380 - 960 MHz	1710 - 1880 MHz	1920 - 2170 MHz	2500 - 2690 MHz
INSERTION LOSS	≤0.3 dB			
ISOLATION BETWEEN PORTS	≥50 dB			
RETURN LOSS	≥20 dB			
MAXIMUM INPUT POWER PER PORT	250 W			
INTERMODULATION PRODUCTS	≤-155 dBc @ 2x43 dBm			
IMPEDANCE	50 Ohm			
MECHANICAL				
DIMENSIONS (L x W x H), excluding connectors and mounting bracket	Single unit: 240 x 210 x 50 mm (9.4 x 8.3 x 2.0 in) Double units: 240 x 210 x 103 mm (9.4 x 8.3 x 4.1 in)			
WEIGHT , including connectors and mounting bracket	Single unit: 3.8 kg (8.4 lb) Double units: 7.8 kg (17.2 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: 440 x 280 x 250 mm (17.5 x 11.1 x 9.9 in) Double units: 520 x 355 x 235 mm (20.6 x 14.1 x 9.3 in)			
SHIPPING WEIGHT	Single unit: 5.2 kg (11.5 lb) Double units: 9.6 kg (21.1 lb)			
LIGHTNING PROTECTION	Comply with IEC 61000-4-5; 8kA, 8/20μs			
MTBF	Single unit: >1,000,000 h Double units: >500,000			

BLOCK DIAGRAM



ORDERING INFORMATION		
SINGLE UNIT MODEL NUMBER	DOUBLE UNITS MODEL NUMBER	DC BYPASS OPTIONAL
COMQ-0327-CA00	COMQ-0327-CD00	No DC Bypass
COMQ-0327-CA01	COMQ-0327-CD01	DC Bypass @380-960
COMQ-0327-CA02	COMQ-0327-CD02	DC Bypass @1710-1880
COMQ-0327-CA03	COMQ-0327-CD03	DC Bypass @1920-2170
COMQ-0327-CA04	COMQ-0327-CD04	DC Bypass @2500-2690
COMQ-0327-CA05	COMQ-0327-CD05	Full DC Bypass