

Outdoor Dual-band Combiner

790 - 862 and 880 - 960 MHz



PRODUCT FEATURES

- Enable feeder sharing between systems
- 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
- Wall or pole mounting available
- Available as a single unit or double unit

ARTICLE	COMD-0809-CAxx	
COMMON FOR ALL		
FREQUENCY RANGE	790 - 862 MHz	880 - 960 MHz
INSERTION LOSS	≤ 0.4 dB	
ISOLATION BETWEEN BANDS	≥ 50 dB	
RETURN LOSS	≥ 18 dB	
AVERAGE INPUT POWER PER PORT	200 W	
INTERMODULATION	≤ -155 dBc @ 2x43 dBm	
IMPEDANCE	50 Ohm	

ARTICLE NR		
SINGLE UNIT MODEL	NUMBER DOUBLE UNITS MODEL NUMBER	DC BYPASS OPTIONAL
COMD-0809-CA00	COMD-0809-CD00	No DC Bypass
COMD-0809-CA01	COMD-0809-CD01	DC Bypass @790-862
COMD-0809-CA02	COMD-0809-CD02	DC Bypass @880-960
COMD-0809-CA023	COMD-0809-CD03	Full DC Bypass

MECHANICAL		
DIMENSIONS L x W x H (excluding connectors and mounting brackets)	Single Unit	188 x 176 x 52 mm (7.4 x 6.9 x 2.0 in)
	Double Unit	188 x 176 x 105 mm (7.4 x 6.9 x 4.1 in)
WEIGHT (including connectors and mounting brackets)	Single Unit	2.6 kg (5.7 lb)
	Double Unit	5.2 kg (11.5 lb)
COLOR	Light grey	
MOUNTING KIT	Pole (clamps included for ø 35-125 mm Pole) or Wall mount	
OPERATING TEMPERATURE RANGE	-40 to +65°C	
OPERATIONAL HUMIDITY	≤ 95 %	
ENVIRONMENTAL CLASS	IP67 (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 Unit	405 x 226 x 275 mm (15.9 x 8.9 x 10.8 in)
SHIPPING WEIGHT	Single Unit	3.6 kg (7.9 lb)
	Double Unit	6.3 kg (13.9 lb)
LIGHTNING PROTECTION	IEC 61000-4-5; 8kA, 8/20µs	
MTBF	Single Unit	>1,000,000 hours
	Double Unit	>500,000 hours