

Outdoor Tri-band Combiner

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

PRODUCT FEATURES

- Designed for feeder sharing and co-location purpose
- High power handling and low loss-maximizes system performance
- 750 W maximum output power rating
- High isolation-minimizes interference
- Built with optional DC (AISG signals) bypass

TECHNICAL SPECIFICATIONS			
ELECTRICAL			
FREQUENCY RANGE	380 - 960 MHz	1710 - 1880 MHz	1920 - 2170 MHz
INSERTION LOSS	≤0.2 dB	≤0.3 dB	
ISOLATION BETWEEN BANDS	≥60 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: 220 x 180 x 50.5 mm (8.7 x 7.1 x 2.0 in) Double units: 220 x 180 x 103 mm (8.7 x 7.1 x 4.1 in)		
WEIGHT , including connectors and mounting bracket	Single unit: 3.2 kg (7.0 lb) Double units: 6.0 kg (13.2 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: 464 x 364 x 184 mm (18.3 x 14.3 x 7.2 in) Double units: 465 x 365 x 250 mm (18.3 x 14.4 x 9.8 in)		
SHIPPING WEIGHT	Single unit: 4.6 kg (10.1 lb) Double units: 7.8 kg (17.1 lb)		
LIGHTNING PROTECTION	Comply with IEC 61000-4-5; 8kA, 8/20µs		
MTBF	Single unit: >1,000,000 h Double units: >500,000		

ORDERING INFORMATION		
SINGLE UNIT MODEL NUMBER	DOUBLE UNITS MODEL NUMBER	DC BYPASS OPTIONAL
COMT-0322-CA00	COMT-0322-CD00	No DC Bypass
COMT-0322-CA01	COMT-0322-CD01	DC Bypass @380-960
COMT-0322-CA02	COMT-0322-CD02	DC Bypass @1710-1880
COMT-0322-CA03	COMT-0322-CD03	DC Bypass @1920-2170
COMT-0322-CA04	COMT-0322-CD04	Full DC Bypass



BLOCK DIAGRAM

