

- ◆ Compressed Size Hybrid Combiner
- ◆ High Isolation, Low VSWR and Loss
- ◆ Low specified PIM
- ◆ Multi Band Range for combining Cellular, GSM, PCS, UMTS and LTE
- ◆ 200 Watt/Input Continuous Avg. Power
- ◆ High Reliability, Moisture sealed
- ◆ Convenient connector spacing



Model CA-88D



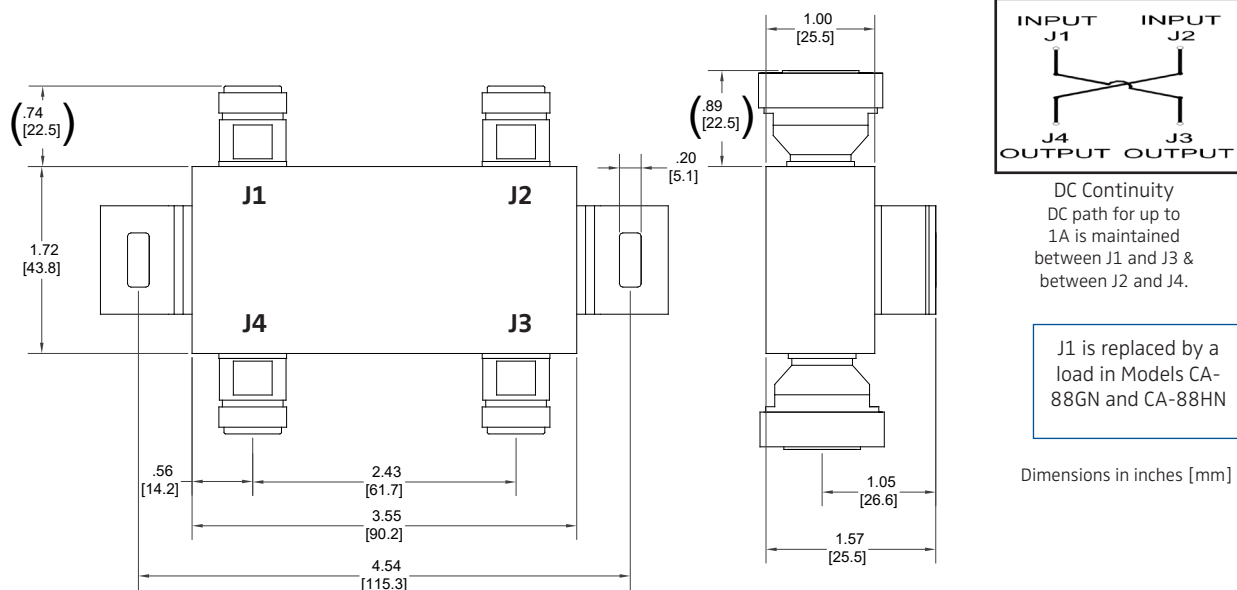
Model Number	Connectors	Frequency Range, MHz	VSWR all ports	Power/ Input	Weight oz (g) nom
CA-88D	7-16 (f)	694 - 2700	<1.25:1	200W max	14 (392)
CA-88N	N (f)	694 - 2700	<1.20:1	200W max	12 (336)
CA-88E	4.3-10	694 - 2700	<1.20:1	200W max	14 (392)

*Also available as 3 port with 3 and 10W integrated load as CA-88GN and CA-88HN

This smaller sized Hybrid has been designed to meet the special needs of the wireless market. Hybrids are most commonly used to combine two wireless carriers to a single antenna feed or distribution cable. This requires the termination of one output port in 50Ω and results in a 3 dB loss in each signal. In situations where two similar feeds are required, as required for an in-building application, both outputs may be used, eliminating the need for a termination and the 3 dB loss. Note this Coupler is not a 90° Quadrature Hybrid, which is available as Model CA-84N with 30 dB of isolation.

Mechanically they are passivated aluminum housings, moisture sealed for outside applications to meet IP65. Connectors are spaced to allow controlled wrench tightening.

Frequency Range: 694 - 2700 MHz
Isolation: >25 dB
Coupling/Loss:
800-2500MHz 3.1 ± 0.5dB
694-2700 MHz 3.1 ± 0.8dB
PIM: -161 dBc
(at 2 x +43 dBm)
Impedance: 50Ω nominal
Power/Input: 200W avg, 1.5kV pk.
Environment: -25°C to +70°C, IP65
Housing: RoHS compliant Al
Connectors: Triplate



Note: Specifications are subject to change without prior notification.

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