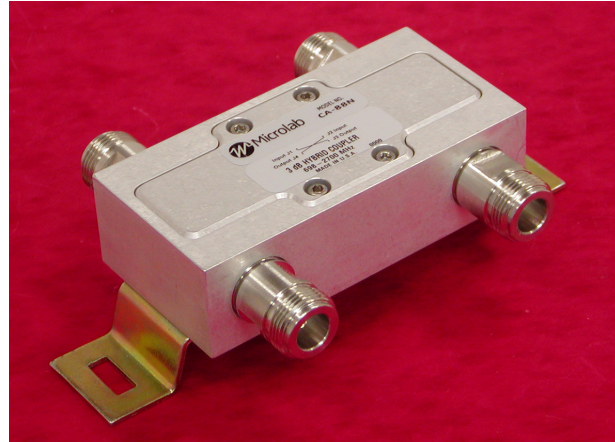


- ◆ Hybrid Combiner, 2x2
- ◆ High Isolation, Low VSWR and Loss
- ◆ Dual Band Range for combining Tetra/SMR/Cellular/GSM
- ◆ 100 W/Input Average Power Rating
- ◆ High Reliability, Moisture sealed
- ◆ RoHS compliant
- ◆ Convenient connector spacing

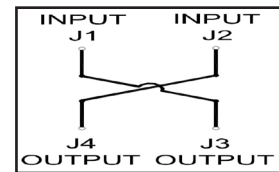
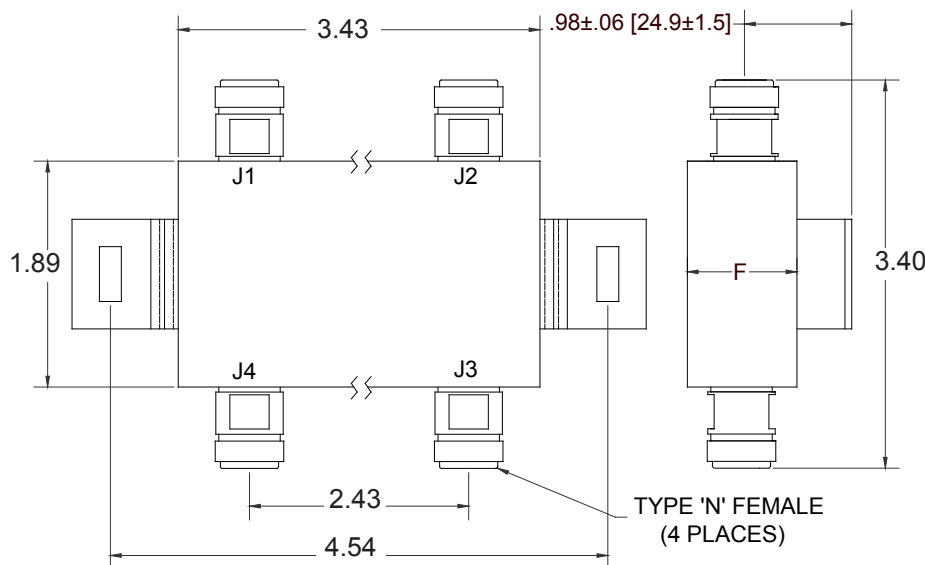


Model Number/Conn N Type	Frequency Range, MHz	Coupling/Loss (Any Path)	Input Isolation typ. Min.	Input VSWR typ max.	Weight lbs (kg) nom
CA-99N CA-99E	4.3-10 380 - 960	3.1 ± 0.4 dB	30 dB >25 dB	1.15:1 <1.20:1	1.0 (0.45)

This series of Hybrids covers the 380 - 960 MHz range of frequencies. Available in 2 x 2 (and 4 x 4 as CM-99N) versions both with high isolation and low passive intermodulation (PIM).

These hybrid networks provides simple combining of independent signals in the specified wireless band to a common feeder cable, as might be required in a radio base station or in a neutral host in-building distributed antenna system. The unused hybrid ports must be terminated at the appropriate power rating. Note that this model is not a true 90° Quadrature Hybrid.

Impedance: 50Ω nominal
 Power: 100W avg., 3 kW
 Temperature: -35° -+65°C
 Environment: IP64 (IP67 to order)
 PIM*: <-130 dBc (with +43 dBm x2)
 Finish:
 Housing: RoHS coated Aluminum
 Connectors: Triplate
 Mounting: Bracket supplied
 *with low PIM loads



DC Continuity
DC path for up to 1A is maintained between J1 and J3 & between J2 and J4.

All dimensions ±0.60 inches unless otherwise noted.

Note: Specifications are subject to change without prior notification.

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