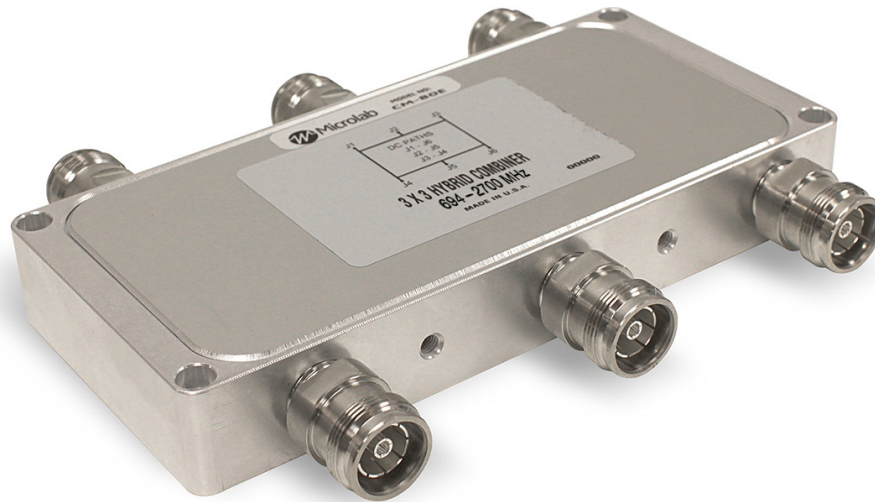


- ◆ Connects 3 inputs to 3 outputs
- ◆ IP67 Outdoor Environment
- ◆ Up to 25 dB Isolation, Low VSWR
- ◆ 150W/Input Continuous Avg. Power
- ◆ Low Specified PIM -161 dBc
- ◆ Just 4.8 dB coupled loss/channel
- ◆ Low and High Wireless Bands
- ◆ Convenient connector spacing



Model CM-80E

Model Number	Frequency Range, MHz	Isolation dB	Input VSWR	*Coupling & Variation	Specified †PIM	Power per Input	Weight lbs. (kg)
7-16 4.3-10 N Type	694 - 800 800 - 2,500 2,500 - 2,700	>25 dB >25 dB >23 dB	<1.20:1 <1.20:1 <1.25:1	5.0 ± 1.3 dB 5.0 ± 1.0 dB 5.0 ± 1.3 dB	-161 dBc	150W avg 3 kW peak	2.4 (1.1)

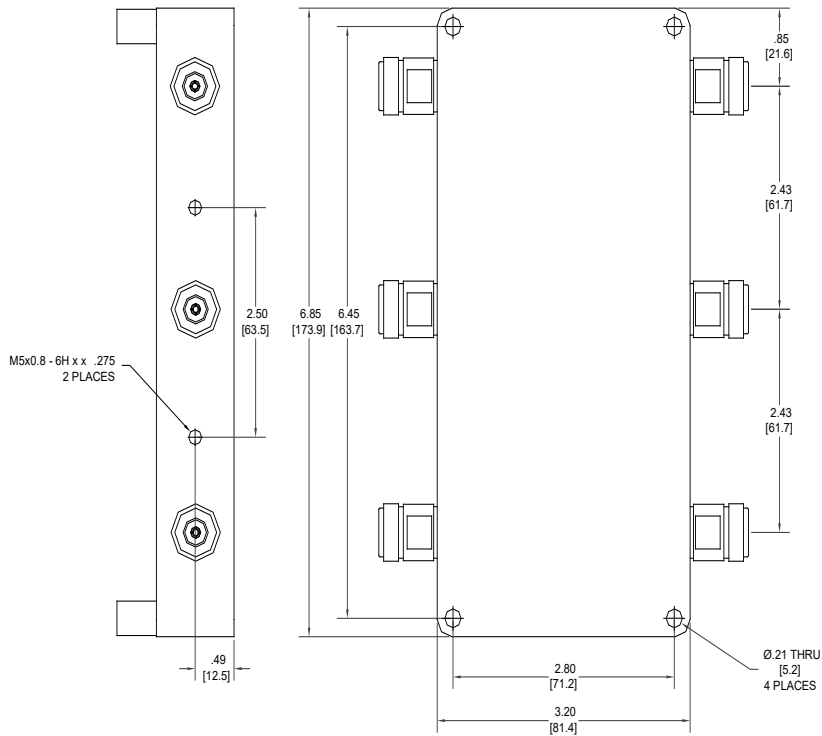
*Coupling includes dissipative loss †2 tone test at +43 dBm

A 3:3 Hybrid Combiner is a network which combines up to three inputs. In DAS applications, all three outputs may be used to feed different cables, essentially providing lossless combining. Any unused ports must be terminated in 50Ω at the appropriate power rating. This network is an important building block in combining boxes used in neutral host in-building DAS.

Impedance: 50Ω nominal
Environment: -35 to +65°C
Housing Finish:
Outdoor/IP67: Passivated Al.
Connectors: Triplate

Note: Specifications are subject to change without prior notification.

30APR2024



DC Paths through CM-80
 J1 - J6
 J2 - J5
 J3 - J4
 All other paths DC isolated
 Dimensions in inches [mm]

