

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



Model Number	Connectors	Frequency Range, MHz	Isolation dB	Input VSWR	*Coupling & Variation	Specified †PIM	Power per Input	Weight lbs. (kg)
CM-80KD	7-16 DIN	617 - 694	>25 dB	<1.20:1	5.0 ± 1.7 dB	-161 dBc	150W avg 3 kW peak	4.5 (2.0)
CM-80KE	4.3-10	694 - 800	>25 dB	<1.20:1	5.0 ± 1.3 dB			
		800 - 2,500	>25 dB	<1.20:1	5.0 ± 1.0 dB			
		2,500 - 2,700	>23 dB	<1.25:1	5.0 ± 1.3 dB			
*Coupling includes dissipative loss					†2 tone test at +43 dBm			

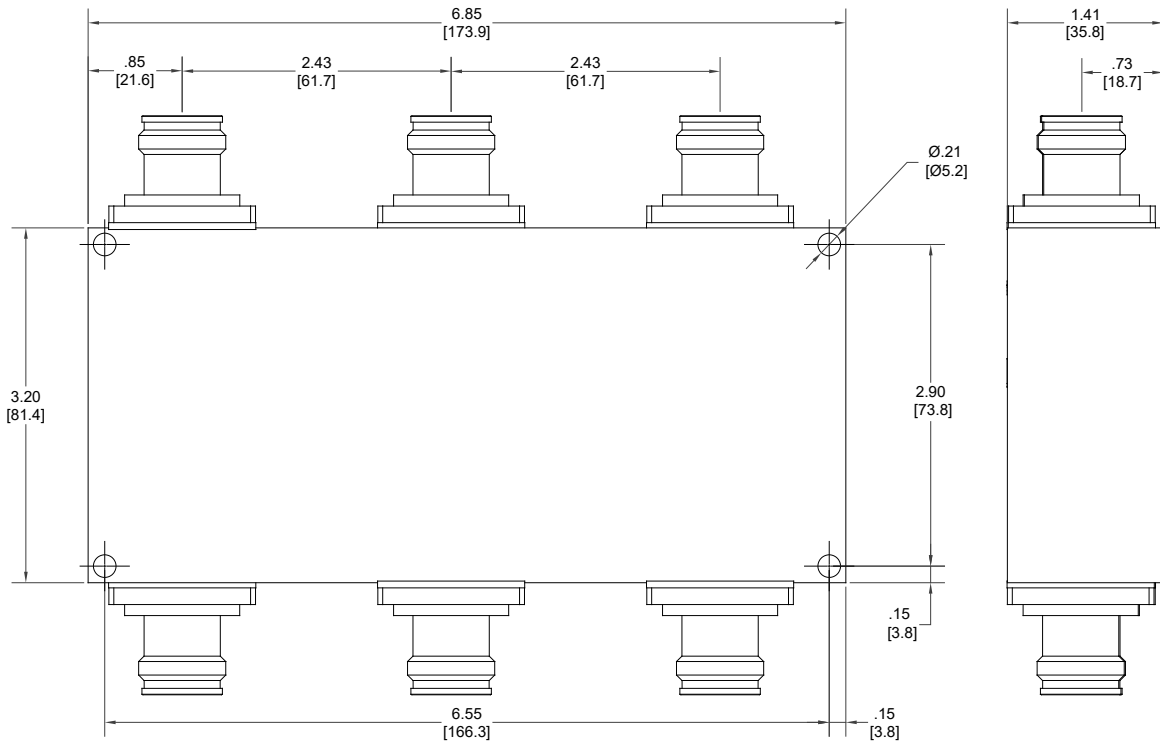
A 3x3 Hybrid Combiner is a network which combines up to three inputs. In DAS applications, all three outputs may be used to feed different cables, essentially providing lossless combining. Any unused ports must be terminated in 50Ω at the appropriate power rating. This network is an important building block in combining boxes used in neutral host in-building DAS.

This model is specifically designed for use in harsh outdoor applications in corrosive salt fog environments.

Impedance: 50Ω nominal
 Environment: -35 to +65°C, IP68
 Housing Finish: Black Anodized
 (30 day Salt/Fog IAW ASTM B117)
 Connectors: Triplate

Note: Specifications are subject to change without prior notification.

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CM-80KE Outline


Dimensions in inches [mm]