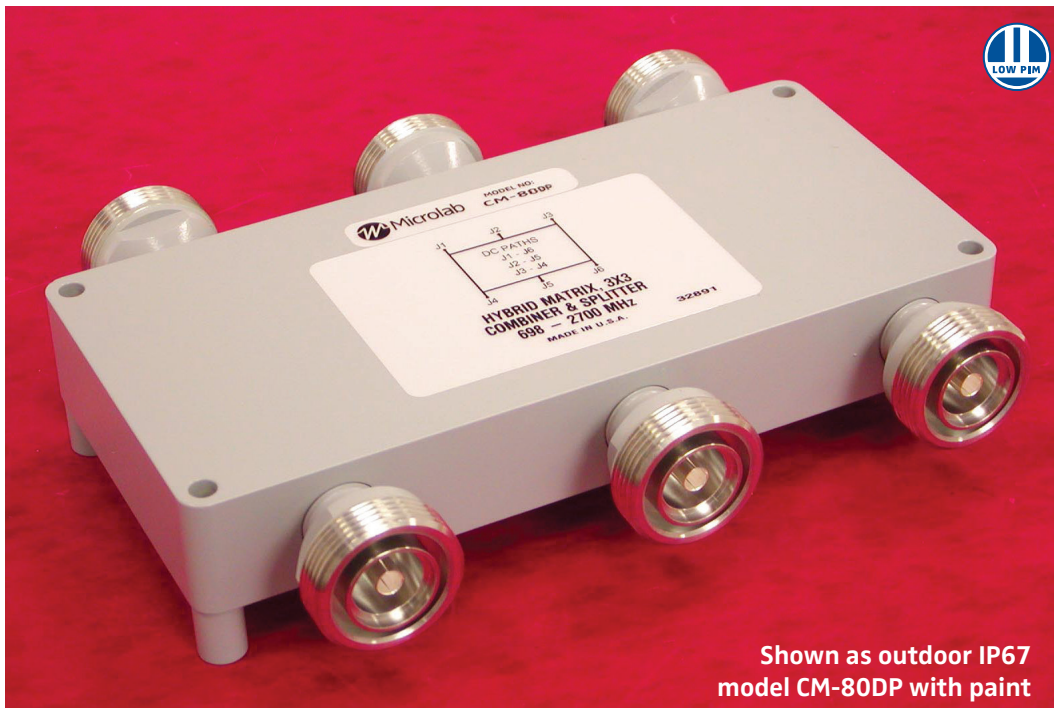


- ◆ Connects 3 inputs to 3 outputs
- ◆ **Models for Outdoor Environments**
- ◆ Up to 25 dB Isolation, Low VSWR
- ◆ 100W/input avg. Power Rating
- ◆ Very Low Guaranteed PIM, <-155 dBc
- ◆ Just 4.8 dB coupled loss/channel
- ◆ Low and High Wireless Bands
- ◆ Convenient connector spacing



Shown as outdoor IP67 model CM-80DP with paint

Model Number	Frequency Range, MHz	Isolation dB	Input VSWR	*Coupling & Variation	Guaranteed †PIM	Power per Input	Weight, nom. lbs. (kg)
7-16	‡4.1-9.5 N Type						
CM-80D	CM-80C	698 - 800	>25 dB	<1.20:1	5.0 ± 1.3 dB	<-155dBc -165dBc typ	100W avg 3 kW peak
	CM-80N	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		
Add 'P' to Model Number for Outdoor Use							
‡Mini-DIN connectors		*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.

Add suffix 'P' to Model Number (e.g. **CM-80DP**) for added paint, when product is used in outdoor environments. (11/14)

Impedance:	50Ω nominal
Environment:	-35 to +65°C
Housing Finish:	
Indoor/IP64:	Standard model Passivated Al.
Outdoor/IP67:	Painted Add P to Model No.
Connectors:	Triplate

