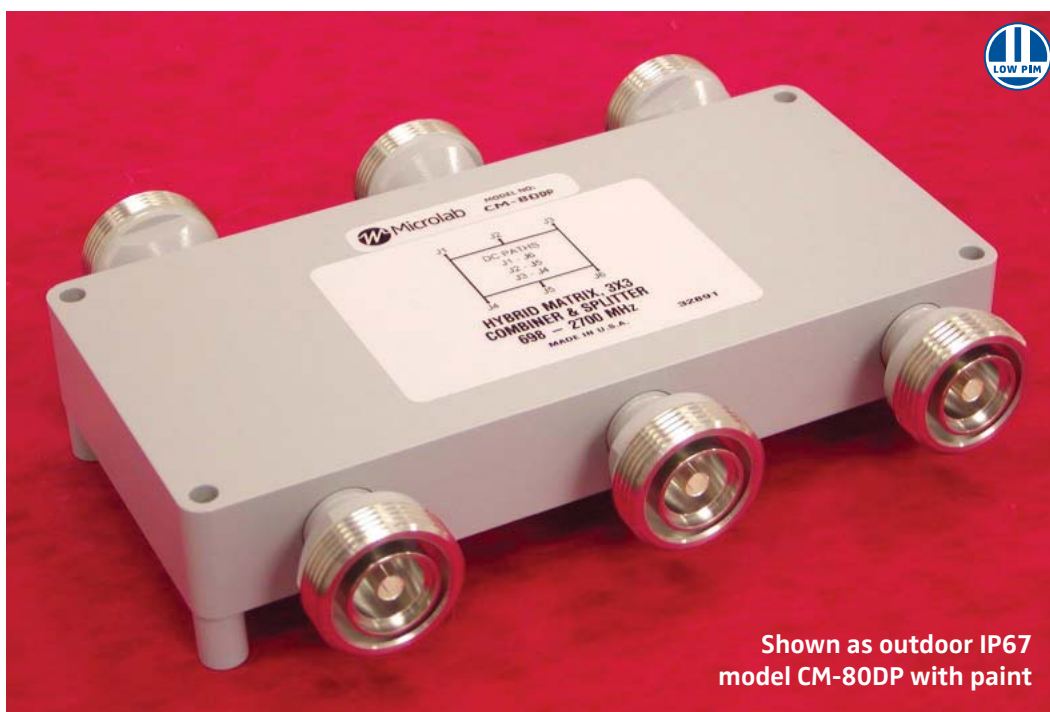


- ◆ Connects 3 inputs to 3 outputs with minimal interaction & PIM
- ◆ **Models for Outdoor Environments**
- ◆ Up to 25 dB Isolation, Low VSWR
- ◆ 100W/input avg. Power Rating
- ◆ Just 4.8 dB coupled loss/channel
- ◆ Low and High Wireless Bands
- ◆ Convenient connector spacing



Model Number		Frequency	Isolation	Input	*Coupling &	Guaranteed	Power	Weight, nom.
7-16 DIN	N conn.	Range, MHz	dB	VSWR	Variation	†PIM	Rating	lbs. (kg)
CM-80D	CM-80N	698 - 800	>25 dB	<1.20:1	5.0 ± 1.3 dB		100W avg	2.4 (1.1)
		800 - 2,500	>25 dB	<1.20:1	5.0 ± 1.0 dB	<-150 dBc	3 kW peak	
		2,500 - 2,700	>23 dB	<1.25:1	5.0 ± 1.3 dB			
<u>Add 'P' to Model Number for Outdoor Use</u>				*Coupling includes dissipative loss		†2 tone test at +43 dBm; lower PIM to order		

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. (01/13)

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

