

FM hybrid couplers

Suitable for double-deck combiners
or two power amplifiers

The below models of FM hybrid couplers are:

- High quality components for a long, reliable service life
- Suitable for creating dual-decked combiners or adding two power amplifiers
- Available in multiple input/output termination variances
- For low and medium power applications a 50W N-type male dummy load is required. For high power a dummy load for half transmit power is required. Consult ZCG for more information.



FRC-1 N-type female terminated model with 2 x 800W capability

SKU	FRC-1	FRC-2	FRC-5	FRC-5-H	FRC-10-H
Construction	Surtec 650 passivated finish aluminium and PTFE				
Frequency range	87.5-108 MHz - FM Radio				
VSWR	<1.05:1				
Isolation	>30 dB				
Internal loss	0.3 dB				
Impedance	50 Ohms				
Input connectors	2 x N-type female	2 x 7/16" DIN female	2 x 7/8" EIA		2 x 1-5/8" EIA
Output connector	7/16" DIN female	7/8" EIA	1-5/8" EIA		3-1/8" EIA
Dummy load termination	N-type female				
Maximum power	2 x 800 Watts	2 x 2 Kilowatts	2 x 5 Kilowatts		2 x 10 Kilowatts
Weight	2.0kg	2.5kg	3.0kg	3.0kg	12.0kg
Dimensions	L: 430mm W: 270mm H: 80mm	L: 450mm W: 270mm H: 80mm	L: 500mm W: 270mm H: 80mm		L: 900mm W: 320mm H: 160mm
Dummy load required order separate	Must be equal or recommended higher capacity than licenced input power.				
Warranty	2 Year warranty on manufacturing defects, 1 Year warranty on termination/connections from purchase date				