

## 5-Channel Cavity Combiner

### DESCRIPTION

- The PRO-CAV series of cavity combiners has been designed to help identify the optimum solution for combining several transmitters into one antenna.
- All cavity combiners are suitable for 19" rack mounting.
- All cavities are 250 mm dia. Dual isolators fitted as standard.
- A range of racks and cabinets are available.
- Please specify the frequencies for Tx when ordering.



### SPECIFICATIONS

Electrical	
Model	PRO-CAV85-5
Frequency	66 - 88 MHz
Max. Input Power	150 W
Tx-Tx Spacing	> 50 kHz
Insertion Loss	3.8 dB @ $\Delta f_x = 75$ kHz
Impedance	50 $\Omega$
Tx-Tx Isolation	> 75 dB
VSWR	< 1.5:1
No. of Channels	5
Mechanical	
Connection(s)	N(f)
Dimensions	19" x 26 HU x 1200 mm (483 x 1156 x 1200 mm) / 19.02 x 45.51 x 47.24 in.
Weight	Approx. 55.1 kg / 121.47 lb.
Environmental	
Operating Temperature Range	-30°C to +60°C
Frequency Stability	0.8 ppm/° C (approx.)

### ORDERING

Model	Product No.
PRO-CAV85-5	210001292

