

# PRO-CAV450-2

## 2-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 and RX when ordering.



### SPECIFICATIONS

ELECTRICAL	
MODEL	PRO-CAV450-2
TX FREQUENCY	380 - 475 MHz
MAX. INPUT POWER	150 W
TX-TX SPACING, $\Delta_{TX}$	> 250 kHz
TYP. INSERTION LOSS	2.3 dB @ $\Delta_{TX} = 450$ kHz
TX-TX ISOLATION	> 75 dB
IMPEDANCE	Nom. 50 $\Omega$
SWR	$\leq 1.5$
MECHANICAL	
TEMP. RANGE	-30° C $\rightarrow$ +60° C
FREQ. STABILITY	Approx. 0.8 ppm/° C
CONNECTORS	N-female
DIMENSIONS (W x H x D)	19" x 11 HU x 300 mm (483 x 489 x 300 mm)
WEIGHT	Approx. 9.8 kg



PROCOM A/S reserve the right to amend specifications without prior notice.

24/03/2009