

# CC-150 Series

## VHF 150 MHz Cavity Combiner

- For use in repeaters, full duplex radios and basestations.
- Suitable for 19" rack mounting.
- All cavities are  $\varnothing$  200 mm
  - $\varnothing$  250 mm available on request
- Made with dual isolators.

## ELECTRICAL SPECIFICATIONS

Type	VHF - Cavity Combiner
Frequency	136 - 174 MHz
VSWR	$\leq 1.5:1$
Impedance	50 Ohm
Spacing TX-TX	> 75 kHz
Insertion loss	CC-150-2D: < 2.5 dB (Spacing = 150 kHz) CC-150-3D: < 3.0 dB (Spacing = 150 kHz) CC-150-4D: < 3.3 dB (Spacing = 150 kHz)
Isolation TX-TX	> 70 dB (Spacing = 150 kHz)
Frequency Stability	1.8 ppm / °C
Max. Input Power	150 W

## MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7016)
Weight	CC-150-2D: Approx. 13.0 kg CC-150-3D: Approx. 19.0 kg CC-150-4D: Approx. 25.0 kg
Mounting	CC-150-2D: 6U (19" Rack) CC-150-3D: 10U (19" Rack) CC-150-4D: 12U (19" Rack)
Connector	Type N-female
Operating Temperature	-30°C to +60°C
Serial No.	On product label

### ORDERING INFORMATION

CC-150-2D	Two Channel Combiner (136 - 174 MHz) Specify tuning frequency when ordering
CC-150-3D	Three Channel Combiner (136 - 174 MHz) Specify tuning frequency when ordering
CC-150-4D	Four Channel Combiner (136 - 174 MHz) Specify tuning frequency when ordering