

Datasheet

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CC-450 Series

UHF 450 MHz Cavity Combiner

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

ELECTRICAL SPECIFICATIONS

Type	UHF - Cavity Combiner
Frequency	380 - 470 MHz
VSWR	≤ 1.5:1
Impedance	50 Ohm
Spacing TX-TX	> 250 kHz
Insertion loss	CC-450-2D: < 2.0 dB (Spacing = 450 kHz) CC-450-3D: < 2.5 dB (Spacing = 450 kHz) CC-450-4D: < 3.0 dB (Spacing = 450 kHz)
Isolation TX-TX	> 75dB (Spacing = 450 kHz)
Frequency Stability	1.8 ppm / °C
Max. Input Power	150 W

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MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7016)
Weight	CC-450-2D: Approx. 11 kg CC-450-3D: Approx. 14 kg CC-450-4D: Approx. 17 kg (Total weight including rack mount system)
Mounting Place	In Rack, 19" rack mounting front panel included
Mounting	CC-450-2D: 6 U (19" Rack) CC-450-3D: 11 U (19" Rack) CC-450-4D: 12 U (19" Rack)
Connector	Type N-female
Operating Temperature	-30°C to +60°C
Serial No.	On product label

ORDERING INFORMATION

CC-450-2D	Two Channel Combiner (380 - 470 MHz) Specify tuning frequency when ordering
CC-450-3D	Three Channel Combiner (380 - 470 MHz) Specify tuning frequency when ordering
CC-450-4D	Four Channel Combiner (380 - 470 MHz) Specify tuning frequency when ordering