

Features.

- ◆ All communication bands.
- ◆ Low insertion loss.
- ◆ Robust and reliable.
- ◆ Tx or Tx/Rx Combination.



Description

The IF-CTC series combiners allows combining simultaneously several transmitters to a single antenna with very low combination losses and great isolation between each transmitter.

The IF-CTRC series allows combining simultaneously to a single antenna device that transmit and receive on the same frequency, with very low combination losses and great isolation between equipment.

Optimal solution for air traffic control, civil and military communications applications, reduction in the number of antennas, etc.

Available in standard 19" rack or in open trays.

Custom solutions in number of transmitters/receivers, power, etc.

Specifications

Model	Operating frequency (MHz)	Insertion loss (db)	Isolation (db)	Power (W)
IF-CTC-1-2-3-4-5	90-1000	0.8-2.7	40 – 60	Up to 200
IF-CTRC-1-2-3-4-5	90-1000	0.8-2.7	40 – 60	Up to 200

IF-CTC-1-2-3-4-5

- 1: Number of Tx. Indicate frequencies
- 2: Insertion loss by combination
- 3: Power max of Tx
- 4: Isolation between Tx
- 5: R=Rack 19"; B=Open Tray.

Example IF-CTC-3-2-100-60-R
 3 Tx (indicate frequencies)
 2 db Insertion loss.
 100 W Tx power max
 60 db Isolation between Tx
 Rack 19 "

IF-CTRC-1-2-3-4-5

- 1: Number of Tx/Rx. Indicate frequencies
- 2: Insertion loss by combination
- 3: Power max of Tx
- 4: Isolation between Tx-Rx
- 5: R=Rack 19"; B=Open Tray.

Example IF-CTRC-3-2-100-60-R
 3 Tx/Rx (indicate frequencies)
 2 db Insertion loss.
 100 W Tx power max
 60 db Isolation between Tx and Rx
 Rack 19 "

