

DS14703

BENEFITS

- Compact
- High performance
- Broadband
- LTE compliant
- High Reliability


DESCRIPTION

The **CP11100, 01, 02, 03, and 08** from Combilent are passive couplers designed for use in indoor coverage systems. These couplers can be used in conjunction with Combilent's range of indoor antennas and passive splitters, to enable high performance wide band passive systems to be created.

Product number	Coupling factor	Insertion loss	Frequency range
CP11100	6 dB +/- 0.75 dB	< 1.3 dB	790-2700 MHz
CP11101	10 dB +/- 0.75 dB	< 0.8 dB	790-2700 MHz
CP11108	15 dB +/- 0.75 dB	< 0.6 dB	790-2700 MHz
CP11102	20 dB +/- 0.75 dB	< 0.3 dB	790-2700 MHz
CP11103	30 dB +/- 0.75 dB	< 0.2 dB	790-2700 MHz

PERFORMANCE CHARACTERISTICS

Specifications apply across the operating temperature range and frequency band unless otherwise stated.

Input & Output Impedance	50 Ohms
Input power	120 W
Directivity	> 20 dB
Return loss, all ports	18 dB
Temperature Range	-10°C to +65°C
Environmental Rating	IP54 indoor
RF connectors	N-female
Dimensions and weight	120 * 40 * 17 mm excl. connectors
Weight	230 g
Mounting	2 * Ø5 holes spaced 70 mm apart

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