

06-05-10

BENEFITS

- Compact
- High performance
- Broadband
- High Reliability


DESCRIPTION

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

Product number	Coupling loss	Frequency range
CP11100	6 dB	800-2700 MHz
CP11101	10 dB	800-2700 MHz
CP11108	15 dB	800-2700 MHz
CP11102	20 dB	800-2700 MHz
CP11103	30 dB	800-2700 MHz

PERFORMANCE CHARACTERISTICS

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

Parameter	CP11100	CP11101	CP11108	CP11102	CP11103
Coupling Loss	6dB +/- 0.75dB	10dB +/- 0.75dB	15dB +/- 0.75dB	20dB +/- 0.75dB	30dB +/- 0.75dB
Insertion Loss	<1.3dB	<0.8dB	<0.6dB	<0.3dB	<0.2dB
Pass band	800 – 2700MHz				
Input & Output Impedance	50 ohms				
Input Power	120W				
Isolation between outputs	>20dB	>28dB	>31dB	>36dB	>43dB
Return Loss all ports	>20dB				
Operating Temperature	-10 to +65 °C				
Environmental rating	IP54 Indoor				
RF Connectors	'N' type female				
Dimensions	120 * 40 * 17 mm excluding connectors				
Weight	230g				
Mounting	2 * Ø5 mm holes spaced 70mm apart				