

***BENEFITS***

- **Compact**
- **High performance**
- **Broadband**
- **High Reliability**



***DESCRIPTION***

The **CP11120, 21, 22, 23** 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.

<b>Product number</b>	<b>Coupling factor</b>	<b>Insertion loss</b>	<b>Frequency range</b>
CP11120	6 dB +/- 1 dB	1.3 dB	350-450 MHz
CP11121	10 dB +/- 1 dB	0.8 dB	350-450 MHz
CP11122	15 dB +/- 1 dB	0.4 dB	350-450 MHz
CP11123	20 dB +/- 1 dB	0.3 dB	350-450 MHz

***PERFORMANCE CHARACTERISTICS***

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

Pass band	350-450 MHz
Input & Output Impedance	50 Ohms
Input power	100W
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	155 * 73 * 21 mm, 300 g
Mounting	Ø3 mm through holes