



PC801, PC1201, PC1601 Passive Combiners

The Drake PC801, PC1201, and PC1601 passive combiners are utilized at the cable television headend to combine the outputs of several modulators or channel processors on to a single coaxial cable. The models offer 8 inputs, 12 inputs, and 16 inputs, respectively. These broadband products accept input levels up to +60 dBmV and pass 5 - 1000 MHz.

- A convenient -20 dB monitor port is provided for front panel technician access.
- It is recommended that unused input ports be terminated for best performance.

Specifications

Frequency Range:	5 through 1000 MHz,
Input Level:	+60 dBmV, each input
Insertion Loss:	PC801: 12 dB nominal, 14.5 dB maximum. PC1201: 14 dB nominal, 17 dB maximum. PC1601: 17 dB nominal, 20 dB maximum.
Port to Port Isolation:	30 dB nominal, 25 dB minimum.
Return Loss (all ports):	PC801: 16 dB nominal, 14 dB minimum. PC1201: 20 dB nominal, 15 dB minimum. PC1601: 16 dB nominal, 13 dB minimum.
Monitor Test Point(s):	-20 dB (referenced to output).
Impedance:	75 Ohms
Shielding:	Meets FCC Part 76 requirements when operated at rated input levels.
Operating Temperature:	-20° to 50° Celsius (-4° to 122° Fahrenheit), ambient.
Dimensions:	1.75 inches (45 mm) Height x 19 inches (483 mm) Width

Specifications, price, and availability are subject to change without notice or obligation.