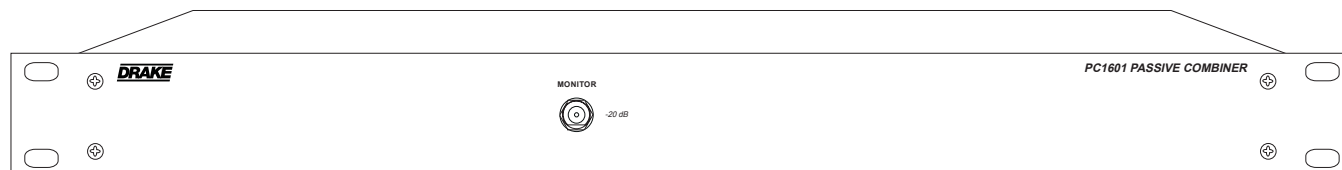




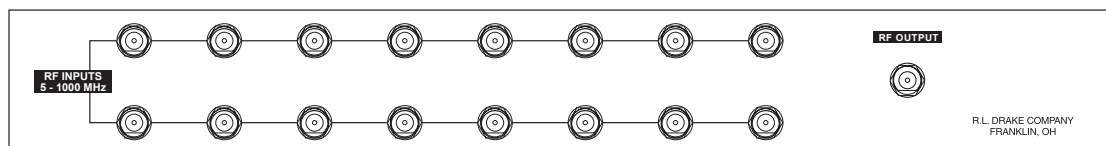
## PC1601 Passive Combiner

The PC1601 Passive Combiner permits combining the outputs of up to 16 Audio/Video Modulators, Channel Processors, etc. onto a single coax. Additional PC1601's may be used, with their outputs combined, to increase capacity as required.

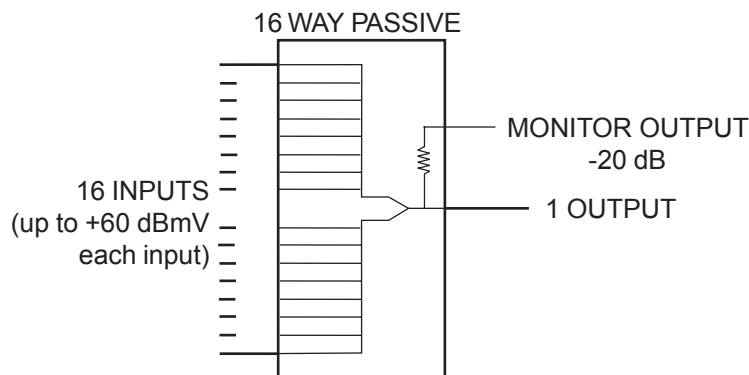
The unit mounts in a standard 1-3/4" H x 19" W rack space. A Monitor output is provided at the front panel of the combiner.



**FRONT PANEL**



**REAR PANEL**



**BLOCK DIAGRAM**

### **SPECIFICATIONS\***

- Frequency Range: 5-1000 MHz.
- Insertion Loss: 17 dB nominal, 20 dB maximum.
- Port-port Isolation: 32 dB nominal, 30 dB minimum from 15 to 750 MHz, 25 dB minimum from 5 to 15 MHz and 750 to 1000 MHz.
- Maximum Input: +60 dBmV, each input.
- Impedance: 75 Ohms, all ports.
- Return Loss (inputs): 16 dB nominal, 14 dB minimum.
- Return Loss (output): 16 dB nominal, 14 dB minimum from 5 to 750 MHz, 13 dB minimum from 750 to 1000 MHz.
- Monitor Test Point: -20 dB (referenced to output).
- Shielding: Meets FCC Part 76 requirements when operated at rated input levels.
- Operating Temperature: -20° C to +50° C.
- Size: 19" W x 1.75" H x 3.7" D.

*\*All ports terminated with nominal 75 Ohm loads.*

Order From: 

800-423-2594  
www.multicominc.com  
multicom@multicominc.com



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P/N: 3853664A-8-2003