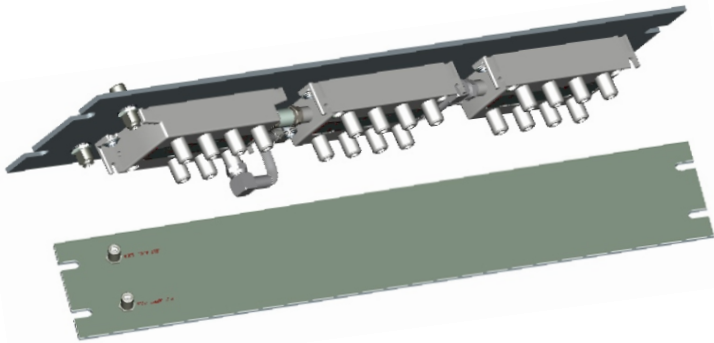




1000 MHz 16-Way Passive Head-End Combiner, Rack-Mounted type



PSC-16G
19" Rack-Mounted type

Features :

- Designed for high quality wide band RF mixing
- Each single unit can mix up to multi-channel
- Rear or front panel accessible test ports for input output signals monitoring
- Combine port provided for multiple connections
- Good specifications minimize the mixing distortion
- Designed for standard 19" rack mount
- Full RFI shielded metal housing

Specifications :

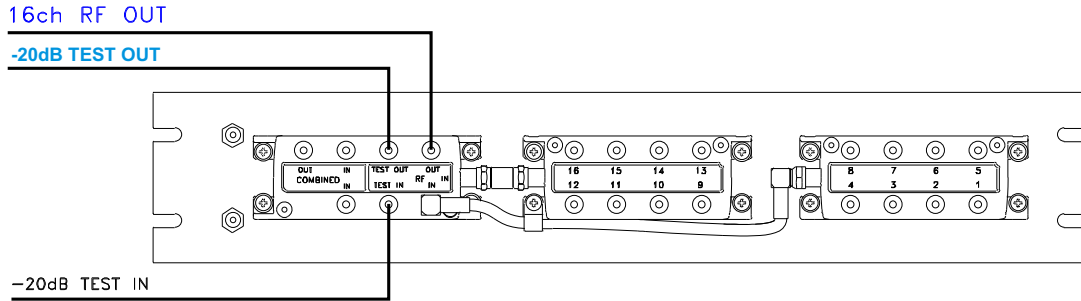
16-Way Combined Output			Specification
Frequency Range			40 ~ 1000 MHz
Flatness within any 8 MHz SPAN			0.25 dB
Insertion Loss	IN1~16 - OUT	40 ~ 862 MHz	16 1.0 dB
		862 ~ 1000 MHz	16.8 1.2 dB
	Test Input to RF Output		20 1.0 dB
	Test Output Relative to RF Output		20 1.0 dB
Isolation	Port - Port	22 dB min.	
Return Loss	IN1~16 , OUT	22 dB *	
2-Way Combined Section		Freq. Range (MHz)	Specification
Insertion Loss	IN - OUT	40 ~ 470	3.5 0.5 dB
		470 ~ 1000	3.8 0.5 dB
Isolation	OUT - OUT	40 ~ 470	25 dB min.
		470 ~ 1000	22 dB min.
Return Loss	IN, OUT	40 ~ 1000	22 dB *
Connectors	All Ports	"F" Female	
Screening	(according to EN50083-2)		Class B
Dimensions	482.6(L) x 88(W) x 58(H)		
Net Weight	1640 g		
Impedance	75 Ω at all ports		

* At 40 MHz -1.5 dB / OCT.

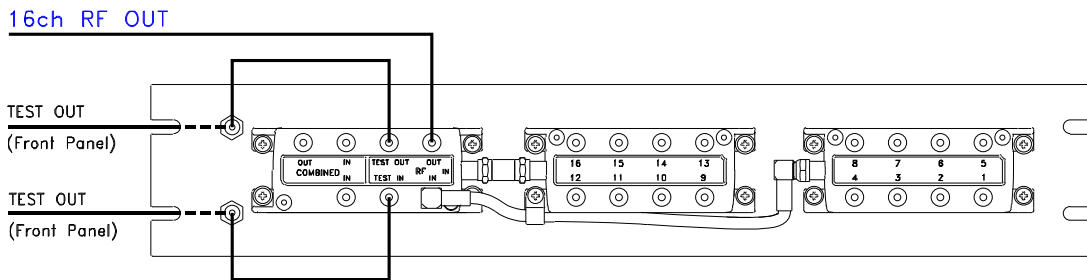


1000 MHz 16-Way Passive Head-End Combiner, Rack-Mounted type

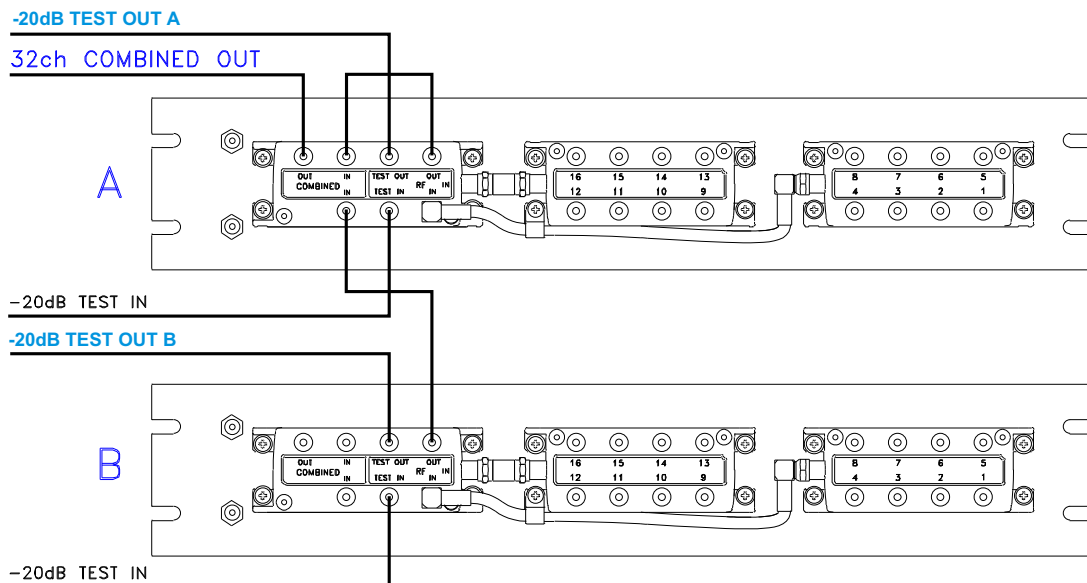
1. If the number of mixing channels is less than 16, connect all inputs to single PSC-16G combiner as shown below.



PS: (1). Terminate any redundant input port, and other open port (including test in/out) With 75ohms terminator.
 (2). If the test port has to be connected to a monitor via the front panel, A Jumping cable has to be connected at the back of the unit As shown below.



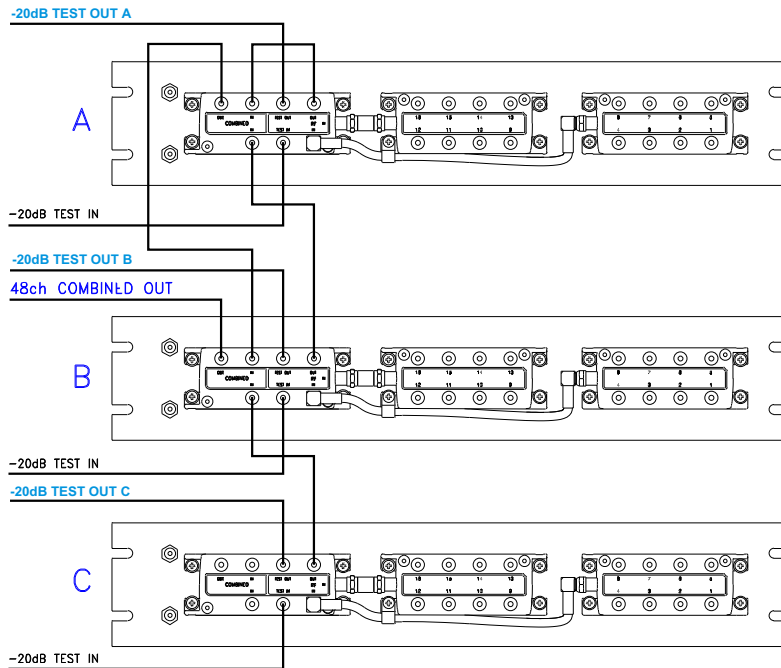
2. For mixing of 32 channels, 2 units can be cascaded as shown below.





1000 MHz 16-Way Passive Head-End Combiner, Rack-Mounted type

3. For mixing of 48 channels, 3 units can be cascaded as shown below.



4. For mixing of 64 channels, 4 units can be cascaded as shown below.

