

16 In to 4 Out Multi-band POI

TSMCB-16I4O-DF

The multi-band POI is high performance 16-input RF combiner that can simultaneously transmit signals of multi- system to a single set of indoor signal distribution system. The hybrid combiner features low insertion loss, high isolation and excellent temperature stability.

Features

- ◆ Combines 16 input ports into 4 output ports
- ◆ Low insertion loss & low PIM
- ◆ High isolation between separate band inputs



Technical Specifications

Type		Single Unit (16 Ports In- 4Port Out)
Operating Frequency	4 Ports LTE700	703-748MHz/758-803MHz
	3 Ports LTE900	885-915MHz/930-960MHz
	4 Ports LTE1800	1710-1785MHz/1805-1880MHz
	4 Port WCDMA2100	1920-1980MHz/2110-2170MHz
	1 Port CDMA800	825-835MHz/870-880MHz
Insertion Loss	≤ 8.5dB	
Isolation	In band ≥23 dB, Out band ≥60dB	
Return Loss	≥ 18dB	
PIM3	≤-150 dBc@ 2 x 20 W	
Power Handling	150W	
Connector Type	DIN female	
Application	Indoor	
Impedance	50 Ω	
Operating Temperature	-25°C to +55°C	
Lightning Protection	3kA,10/350 us pulse	
Relative Humidity	5% - 95%	

Number of BTS Ports	16
Number of Antenna Ports	4
Monitor Port	1 with -40~-30dBc Coupling Level
Mounting	19"Standard Cabinet Mount