

5G (3.5GHz) Multi-band POI

Model: TSMCB-16I8O-DF-5G

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 8 output ports
- ◆ Low insertion loss & low PIM
- ◆ High isolation between separate band inputs



Technical Specifications

Type		16Ports In- 8Ports Out
Operating Frequency	4 Ports 3.5GHz-TSTAR	3300-3340MHz
	4 Ports 3.5GHz-FET	3340-3420MHz
	4 Ports 3.5GHz-TWM	3420-3510MHz
	4 Ports 3.5GHz-CHT	3510-3570MHz
Insertion Loss		≤ 4.2dB
Isolation		Same band ≥23 dB, Different bands≥50dB
Return Loss		≥ 18dB
PIM3		≤-150 dBc(@ 2 x 20 W)
Power Handling		100W
Connector Type		DIN female
Application		Indoor
Impedance		50 Ω
Operating Temperature		-5°C to +65°C
Relative Humidity		5% - 95%
Number of BTS Ports		16
Number of Antenna Ports		8
Monitor Port		1 with -40~-30dBc Coupling Level
Dimensions		TBD
Weight		TBD
Mounting		19'Standard Cabinet Mount

Schematic Diagram

