

# ASPOI Passive Power Combiner/Splitter Cards

SPCXW

ASPOI Passive Combiner/Splitter cards fit into SP-MFC chassis as POI Cards. Two models are available as 2-Way (2:1) and 4-Way (4:1) combiner/splitters for a multitude of uses. Mainly, these units are a convenient efficient means to expand limited sectors into multiple zones for simplex systems. Also, it can support LTE MIMO signal combining when DAS doesn't have MIMO configuration. Another application is for 3G (CDMA) SISO signal combining into 4G MIMO A path if two different technologies are operating in same band.



Combiner/Splitter Card (SPC2W)

Parameter	Specifications	
Model	SPC2W	SPC4W
No. of Splitter	4x 2-Way	2x 4-Way
Description	2-Way Combiner/Splitter Card	4-Way Combiner/Splitter Card
Frequency Range [MHz]	698-2700	
Insertion Loss [dB]	3.5	6.8
Return Loss [dB]	18	
Port Isolation [dB]	20	
Power Rating [W]	10	
IP Rating	IP50	
Operating Temp. [°F]	-13 to +185	
RF Connector	QMA Female	
Size (WxHxD)	1.9" x 6.9" x 9.8"	
Weight [lb]	2.2	2.6

\* Specifications are subject to change without prior notification.