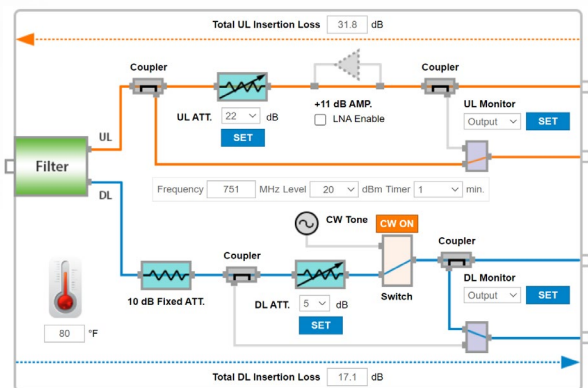


# Active Point of Interface for FDD Band Cards

**Sxxx series**

The Active SYM Point of Interface (ASPOI) Band cards have band specific models. Units are all hot swappable. Duplex IN for Radio connection and Simplex OUT for DAS connection. Its modular design is more compact and provides as much as a 40% savings of space, reducing costs and making room for additional sectors. The visual block diagram GUI giving you full understanding of signal flow and power level at a glance and makes the ASPOI so easy to use, some customers call it "manual free" operation, very little training is required.



FDD Interface Card

Parameter		Specifications		
Link		DL High Power	DL Low Power	UL
Max. Input Power [dBm]		48 (60W)	38 (6W)	-10
Insertion Loss [dB]	S600, S700L, S700P, S700, S800S, S850	12.0 ± 1	2.0 ± 1	10.5 ± 1
	S1900, S2100N, S2300	13.5 ± 1	3.5 ± 1	
Variable Attenuation Range [dB]		0 - 40 /1dB step		0 - 31 /0.5dB Step
Coupling Value [dB]		41.0 ± 1		8.0 ± 1
CW Tone Level [dBm]		-10 to 20		-
PIM [dBc]		153		
DC Power Consumption [W]		8.4 @-48VDC		
Operating Temp. [°F]		+14 - +131		
RF Connector	Radio Connection	4.3-10 Female (Duplex)		
	DAS Connection	QMA Female (Simplex, DL and UL are separate)		
Size (W x H x D)		1.9" x 6.9" x 14.2"		
Weight [lb]		Low Band Card: 6.2, High Band Card: 5.3		

\* Specifications are subject to change without prior notification.

# Active Point of Interface for FDD Band Cards

Sxxx series

## Top Features and Benefits for Highlights

Dual Power Mode	It handles up to 48dBm on High Power Mode and 38dBm on Low Power Mode which allows for a lower insertion loss for low power radios of only 2~3.5dB
Built-In CW Tone Generator	With integrated CW tone generation, it streamlines CW test procedures without walkie-talking between two installers, significantly reducing DAS commissioning time
Safe Mode	In the event of a power failure, it bypasses to "Safe Mode" to ensure continuous service. The downlink path will maintain its attenuation levels with no change, and the uplink will default to a safe 7.5dB insertion loss
Monitoring Ports	Each card has a physical monitoring port for both uplink and downlink, eliminating the need to put external couplers
"One-click" As-built Report	With a single click of the mouse, users can download the entire daisy chain as-built report for site commissioning



Part	Description	DL (MHz)	UL (MHz)
S600	Duplex IN, Simplex OUT, 600 MHz	617-652	663-698
S700L	Duplex IN, Simplex OUT, 700 MHz Lower A, B, C	728-746	698-716
S700P	Duplex IN, Simplex OUT, 700 MHz FirstNet	758-768	788-798
S700	Duplex IN, Simplex OUT, 700 MHz Upper C	746-757	776-787
S800S	Duplex IN, Simplex OUT, 800 MHz SMR	862-869	817-824
S850	Duplex IN, Simplex OUT, 850 MHz Cellular	869-894	824-849
S1900	Duplex IN, Simplex OUT, 1900 MHz PCS	1930-1995	1850-1915
S2100N	Duplex IN, Simplex OUT, 2100 MHz AWS 1&3	2110-2180	1710-1780
S2300	Duplex IN, Simplex OUT, 2300 MHz WCS	2350-2360	2305-2315

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