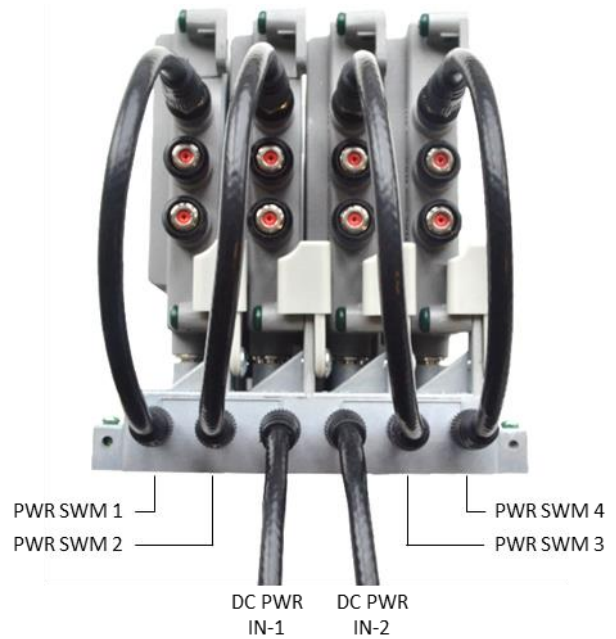


(A) Top-view of SWM Expander



(B) SWM Expander powering 4 SWM units

TECHNICAL SPECIFICATIONS

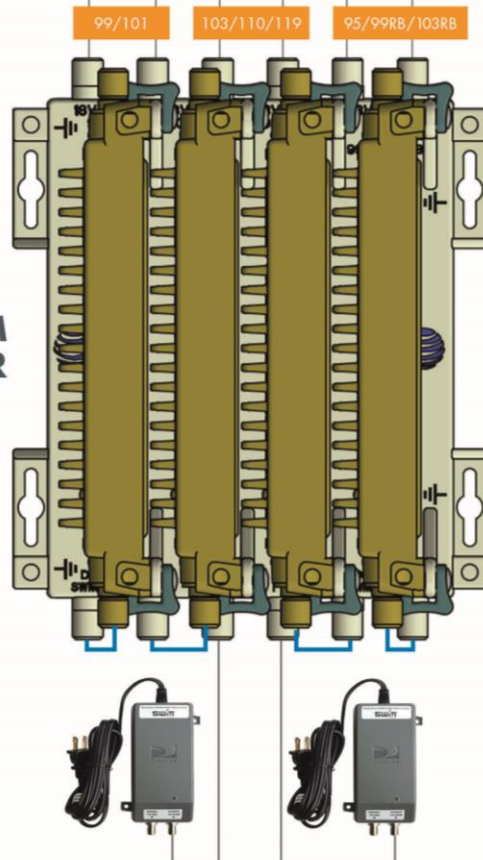
Parameter	Unit	Value
System Impedance	Ohm	75
Operating IF Frequency Range	MHz	250 - 2150
Insertion Loss	dB	<12
Port to Port Isolation	dB	>35
Return Loss all ports (Over Frequency Ranges: 250-750 MHz, 950-1450 MHz and 1650 - 2150 MHz)	dB	12
DC Voltage @ the 2 DC Inputs	Volt	29
DC Internal Power Consumption (max)	Watt	<3
DC Voltage @ the 6 RF Inputs	Volt	0
Environmental Requirements	-	Indoor or Lock Box Installation
Dimensions	Inches (Wx HxD)	5.8 x 7.1 x 3.1



MOUNTING INSTRUCTIONS

- Insert the SWM units in the SWM Expander
- Pull the levers to lock the SWM units in place
- Connect the satellite trunk cables to the SWM Expander
- The DC power outputs of the SWM Expander (PWR SWM1 to 4) should be **connected** to the individual SWM units (PWR port) (see figure (B) on other page)
- For DC voltage, use 1 power inserter PI29 per 2 SWM units. Connect the power inserter(s) to the ports DC PWR IN-1 and DC PWR IN-2
- RF ports will not require external termination. RF outputs are internally “self terminated” with 75 Ohms when no SWM unit is connected
- The SWM Expander is not capable of powering any additional device
- The SWM Expander can not be used as a polarity locker
- The SWM Expander is suited for indoor installation only. Outdoor installation only advised in combination with an approved outdoor lock box

SWM EXPANDER



Power Inserter PI29

Power Inserter PI29