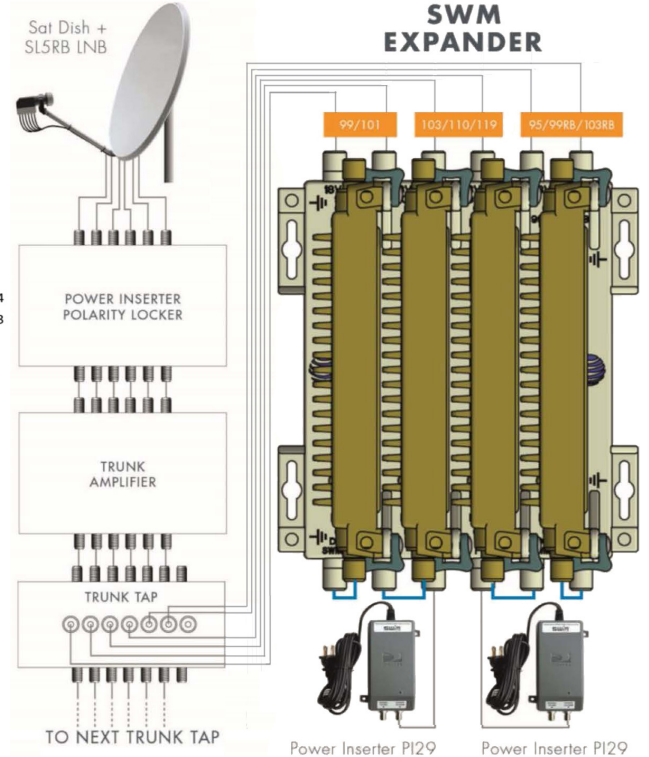
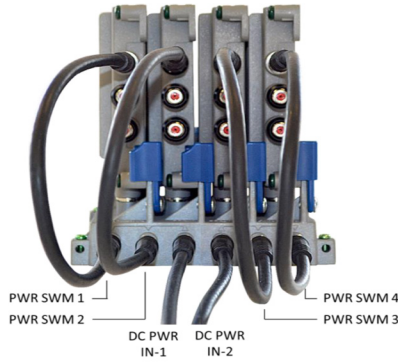
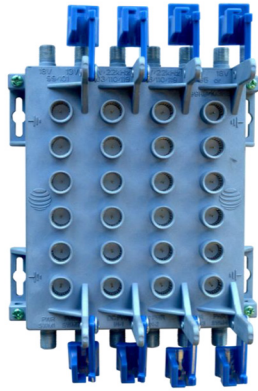


SWM EXPANDR-A-R0-09

4 MODULE ACTIVE SATELLITE SWM EXPANDER



Features:

- Holds up to 4 DSWM-30
- DSWM provides power to all 6 satellite inputs
- Two power inputs (from PI-29Z)
- Four power outputs (to DSWM-30)
- Requires 1 PI-29Z power supply for every two modules
- Not compatible with legacy SWM8/16/32 units
- Unused ports are auto terminated
- This unit is suitable for indoor use

Technical Specifications:

System Impedance	75 Ohm
Operating IF Frequency Range	250 – 2150 MHz
Input Power	-10 dBm max
Insertion Loss	<2 dB
Output Power	>-10 dBm
Port-to-Port Isolation	>35 dB
Return Loss all Ports (Over frequency ranges: 250-750 MHz, 950-1450 MHz, 1650-2150 MHz)	12 dB
DC Voltage @ the 2 DC Inputs	29 volts
DC Internal Power Consumption (max)	<6 watts
DC Voltage @ the 6 RF Inputs	0 volts
Environmental Requirements	Indoor or lock box installation
Dimensions	5.8" x 7.1" x 3.1"

Ordering Information:

SWM-EXPANDR-A-R0-09
PI-29Z
DSWM-30

4 MODULE ACTIVE SATELLITE SWM EXPANDER
29VDC POWER SUPPLY/POWER INSERTER
DSWM MULTI-SWITCH

Mounting Instructions:

1. Insert the SWM units into the SWM Expander
2. Pull levers to lock the SWM units in place
3. Connect the satellite ODU cables to the SWM Expander
4. The DC Power outputs of the SWM Expander (PWR SWM 1-4) should be connected to the individual SWM units (PWR port)
5. 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
6. RF ports will not require external termination, RF ports are internally self terminated with 75 Ohms when no SWM unit is connected.
7. This unit is not capable of powering any additional devices
8. This unit can not be used as a polarity locker
9. This unit is suited for indoor use only. Outdoor installation only advised in combination with and approved lock box