

**Universal Specifications**

Bandwidth	5-42 MHz Reverse, 52-1002 MHz Forward
Operating Temperature Range	-40° F to +140° F (-40° C to +60° C)
RFI	100 dB minimum
Surge Protection	IEEE C-62-41-B3 on input, A3 on outputs
Response Flatness	Forward: ± 0.75 dB Reverse: ± 0.5 dB
Distortion Performance	C/N: 70 dB minimum, 77 analog, 124 256 QAM digital ch. loading CSO: -65 dB minimum, 77 analog, 124 256 QAM digital ch. loading CTB: -80 dB minimum, 77 analog, 124 256 QAM digital ch. loading
Cross Modulation	-75 dB minimum
Hum Modulation	-85 dB minimum
Group Delay	20 nSec maximum @ ch. 2 (3.58 MHz span) 5 nSec maximum @ ch. 6 (3.58 MHz span)
Isolation	Power/RF Out: 60 dB minimum (5-1002 MHz) Out/Out: 25 dB minimum (5-1002 MHz)
Powering Requirements	12 VDC/200 mA
AC/DC Power Supply	UL certified, surge protected

Product Line Specifications

	SV-A15PRSm SV-A15PRSms	SV-A152PRSm	SV-A15-4PRS	SV-A15-8PRS	SV-A10-RPFS
Number of Ports	1	2	4	8	1
Gain					
Forward	15 dB	11 dB	7 dB	3 dB	N/A
Reverse	N/A	N/A	N/A	N/A	10 dB
Return Loss (minimum with 116 channel loading)					
Forward	22 dB	22 dB	22 dB	22 dB	22 dB
Reverse	21 dB	21 dB	21 dB	21 dB	22 dB
Forward Path Insertion Loss (max)	NA	NA	NA	NA	1.5dB
Return Path Insertion Loss (max)	1.2 dB	4.5 dB	8 dB	11.5 dB	NA
Noise Figure (maximum at 1 GHz)	3.5 dB	4.5 dB	5.0 dB	5.0 dB	6.0 dB

SV-PI Drop Power Inserter Specifications

Frequency Range	5-1002 MHz
Port-to-Port Isolation	25 dB minimum
Insertion Loss	0.5 dB maximum
Return Loss	20 dB minimum
Voltage Pass	8-18 VDC

Specifications subject to change without notice

For more information, call Customer Service at 800.982.1708 or 828.324.2200 • Fax 828.328.3400 • www.commscope.com