



Features

- Innovative four-sided center conductor contact provides superior retention and electrical performance
- Utilizes surface mount technology
- 6kV ring wave surge protection on all ports
- Intermod protected
- 40 dB port-to-port isolation in the return band
- Flat-end "F" ports for proper ground plane match
- Better than 120 dB RFI protection
- Moisture sealed housing (15psi) with two layers of protection against corrosion
- Solder sealed proprietary backplate
- No casting lines on ports
- Also available in horizontal, vertical and power passing, versions

Ordering Information

SV-2MG	Splitter, 2-Way
SV-2WG	Splitter, 2-Way

Universal Specifications

Bandwidth	5-1002 MHz
Insertion Loss (maximum)	
5-450 MHz	3.5 dB
450-1002 MHz	3.9 dB
Frequency Response	±0.3 dB
Return Loss (minimum)	
5-45 MHz	25 dB
50-1002 MHz	22 dB
Isolation*	
15-45 MHz	35 dB minimum
50-750 MHz	30 dB minimum
750-1002 MHz	25 minimum
RFI	120 dB minimum
Spurious Signals and 2nd Order Harmonics	< -60 dBmV

*Utility Isolation - All ports meet same specifications



SV-2MG
Two Way Mini Splitter



SV-2WG
Two Way Wall-Mount Splitter



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- 40 dB port-to-port isolation in the return band
- Flat-end "F" ports for proper ground plane match
- Better than 120 dB RFI protection
- Moisture sealed housing (15psi) with two layers of protection against corrosion
- Solder sealed proprietary backplate
- No casting lines on ports
- Also available in vertical, power passing, mini and wall mount versions

Ordering Information

SV-2G	Splitter, 2-Way
SV-3G	Splitter, 3-Way
SV-3BG	Splitter, 3-Way Balanced
SV-4G	Splitter, 4-Way
SV-8G	Splitter, 8-Way



SV-2G
2-Way Splitter



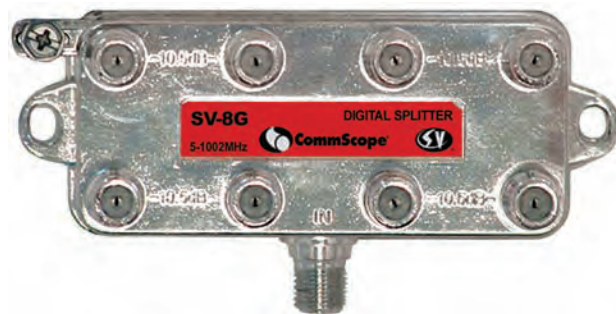
SV-3G
3-Way Splitter



SV-3BG
3-Way Balanced Splitter



SV-4G
4-Way Splitter



SV-8G
8-Way Splitter

Meets or exceeds: SCTE IPS-SP-206/IEEE C 62-41 A3 (Ring Wave)



Universal Specifications

Bandwidth	5-1002 MHz
Operating Temperature Range	-40° F to +140° F (-40° C to +60° C)
Frequency Response	± 0.3 dB (8-way: ± 0.4 dB)
RFI	120 dB min.
Surge Protection	IEEE Category A3 (6000V, 200Amp, Ring Wave)
Spurious Signals and 2nd Order Harmonics	<-60 dBmV

Product Line Specifications

	SV-2G	SV-3G	SV-3BG	SV-4G	SV-8G
Insertion Loss (maximum)					
5-450 MHz	3.5 dB	3.5/7.0 dB	5.4 dB	6.9 dB	10.5 dB
450-1002 MHz	3.9 dB	3.9/7.8 dB	6.1 dB	7.8 dB	11.5 dB
Return Loss (minimum)					
5-45 MHz	25 dB	25 dB	25 dB	25 dB	25 dB
50-1002 MHz	22 dB	22 dB	22 dB	22 dB	22 dB
Isolation (minimum)					
15-45 MHz	40 dB	40 dB	40 dB	40 dB	35 dB
50-300 MHz	35 dB	35 dB	35 dB	35 dB	30 dB
300-1002 MHz	30 dB	30 dB	30 dB	30 dB	30 dB

Specifications subject to change without notice



Features

- Innovative four-sided center conductor contact provides superior retention and electrical performance
- Utilizes surface mount technology
- 6kV ring wave surge protection on all ports
- Intermod protected
- 40 dB port-to-port isolation in the return band
- Flat-end "F" ports for proper ground plane match
- Better than 120 dB RFI protection
- Moisture sealed housing (15psi) with two layers of protection against corrosion
- Solder sealed proprietary backplate
- No casting lines on ports
- Also available in horizontal, power passing, mini and wall mount versions

Ordering Information

SV-V2G	Vertical Splitter, 2-Way
SV-V3G	Vertical Splitter, 3-Way
SV-V4G	Vertical Splitter, 4-Way
SV-V6G	Vertical Splitter, 6-Way



SV-V2G
2-Way Splitter



SV-V3G
3-Way Splitter



SV-V4G
4-Way Splitter



SV-V6G
6-Way Splitter

Meets or exceeds: SCTE IPS-SP-206/IEEE C 62-41 A3 (Ring Wave)



Universal Specifications

Bandwidth	5-1002 MHz
Operating Temperature Range	-40° F to +140° F (-40° C to +60° C)
Frequency Response	±0.3 dB
RFI	120 dB minimum
Surge Protection	IEEE Category A3 (6000V, 200Amp, Ring Wave)
Spurious Signals and 2nd Order Harmonics	<-60 dBmV

Product Line Specifications

	SV-V2G	SV-V3G	SV-V4G	SV-V6G
Insertion Loss (maximum)				
5-550 MHz (1 port)	3.6 dB	3.6/7.2 dB	7.2 dB	8.9 dB
550-1002 MHz (1 port)	4.0 dB	4.0/8.0 dB	8.0 dB	9.3 dB
Return Loss (minimum)				
5-45 MHz	22 dB	22 dB	22 dB	22 dB
50-1002 MHz	22 dB	22 dB	22 dB	22 dB
Isolation* (minimum)				
15-45 MHz	40 dB	40 dB	40 dB	35 dB
50-300 MHz	35 dB	35 dB	35 dB	30 dB
300-1002 MHz	30 dB	30 dB	30 dB	30 dB

*Utility Isolation - All ports meet same specifications



Features

- Innovative four-sided center conductor contact provides superior retention and electrical performance
- Utilizes surface mount technology
- Capacitor protected ports
- Intermod protected
- 40 dB port-to-port isolation in the return band
- Flat-end "F" ports for proper ground plane match
- Better than 120 dB RFI protection
- Moisture sealed housing (15psi) with two layers of protection against corrosion
- Solder sealed proprietary backplate
- No casting lines on ports

Ordering Information

SV-2GP	Power Passing Splitter, 2-Way
SV-3GP	Power Passing Splitter, 3-Way
SV-4GP	Power Passing Splitter, 4-Way



SV-2GP
2-Way Power Passing Splitter



SV-3GP
3-Way Power Passing Splitter



SV-4GP
4-Way Power Passing Splitter

Meets or exceeds: SCTE IPS-SP-206/IEEE C 62-41 A3 (Ring Wave)



Universal Specifications

Bandwidth	5-1002 MHz
Operating Temperature Range	-40° F to +140° F (-40° C to +60° C)
Frequency Response	±0.3 dB
RFI	120 dB minimum
Spurious Signals and 2nd Order Harmonics	<-60 dBmV

Product Line Specifications

	SV-2GP	SV-3GP	SV-4GP
Insertion Loss (maximum)			
5-550 MHz (1 port)	3.6 dB	3.6 dB	6.9 dB
550-1002 MHz (1 port)	3.9 dB	3.9 dB	7.8 dB
5-550 MHz (2 ports)	—	7.0 dB	—
550-1002 MHz (2 ports)	—	7.9 dB	—
Return Loss (minimum)			
5-45 MHz	25 dB	25 dB	25 dB
50-1002 MHz	22 dB	22 dB	22 dB
Isolation* (minimum)			
15-45 MHz	40 dB	40 dB	40 dB
50-300 MHz	35 dB	35 dB	35 dB
300-1002 MHz	30 dB	30 dB	30 dB

*Utility Isolation - All ports meet same specifications