

# 1 GHz CATV SOLDER BACK SPLITTERS -130 dB RFI

## Features:

- Tin plated zinc die-cast housings for perfect corrosion protection and grounding.
- Completely soldered back provides the highest possible RFI shielding more than -130 dB.
- High precision machine threaded F-ports.
- NO DC power passing design.



- Applications vary from headend combining to typical drop installations. This splitter series should be used where increased bandwidth is being designed into the distribution systems.
- Printed circuit board ensures consistent RF performance and high port to port isolation.
- Available with equal Loss ports or unbalanced Loss ports for 3-way splitters.

### SP-21G 2-WAY SPLITTER

#### Specifications:

Bandwidth MHz:	5-40	40-400	400-600	600-1000
Insertion Loss:				
(dB Max.)	3.5	3.8	3.8	3.8
Isolation Port to Port:				
(dB Min.)	20	30	30	25
Input Return Loss:				
(dB Min.)	20	24	24	20

### SP-31G 3-WAY SPLITTER - EQUAL LOSS PORTS SP-31GU UNBALANCE LOSS (1 x 3.5 dB 2 x 7.5 dB)

#### Specifications:

Bandwidth MHz:	5-40	40-400	400-600	600-1000
Insertion Loss: (Equal Loss Circuit)				
(dB Max.)	5.5	5.5	6.0	6.5
Isolation Port to Port:				
(dB Min.)	25	28	28	25
Input Return Loss:				
(dB Min.)	20	25	25	20

### SP-41G 4-WAY SPLITTER

#### Specifications:

Bandwidth MHz:	5-40	40-400	400-600	600-1000
Insertion Loss:				
(dB Max.)	6.5	7.0	7.5	8.0
Isolation Port to Port:				
(dB Min.)	25	28	28	25
Input Return Loss:				
(dB Min.)	18	20	20	20

### SP-61G 6-WAY SPLITTER

#### Specifications:

Bandwidth MHz:	5-40	40-400	400-600	600-1000
Insertion Loss:				
(dB Max.)	10	11	11	13
Isolation Port to Port:				
(dB Min.)	16	24	25	20
Input Return Loss:				
(dB Min.)	15	20	21	13

### SP-81G 8-WAY SPLITTER

#### Specifications:

Bandwidth MHz:	5-40	40-400	400-600	600-1000
Insertion Loss:				
(dB Max.)	10	12	12	13
Isolation Port to Port:				
(dB Min.)	20	25	25	20
Input Return Loss:				
(dB Min.)	20	20	20	15

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE