

# Indoor 5-1000 MHz Splitters

## DGS Series



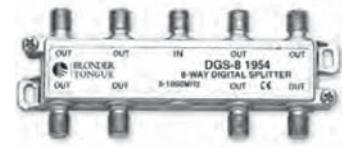
DGS-2



DGS-3



DGS-4



DGS-8

### Features & Benefits

- 2, 3, 4 and 8 Way Models with 5-1000 MHz Bandwidth
- -60 dBmV Spurious Signals and 2nd Order Harmonics with a +55 dBmV Return Input Carrier
- Category A3 Standard 6 KV, 100 KHz Ring Wave Surge Withstand Capability on All Ports
- -120 dB RFI, Solder Back Design
- Machine Threaded Flat F Ports
- Compliant with SCTE Splitter Guidelines
- Zinc Alloy Die-Cast Housing

### Specifications

(Typical)

	DGS-2 1951	DGS-3 1952	DGS-3B 1959	DGS-4 1953	DGS-8 1954
<b>Loss (dB)</b>					
5 - 15 MHz	3.5	3.5/7.5	6.1	7.7	10.7
15 - 42 MHz	3.5	3.5/7.4	6.1	7.3	11
43 - 65 MHz	3.5	3.5/7.4	5.9	7.2	11.2
66 - 250 MHz	3.5	3.5/7.4	5.9	7.2	11.2
251 - 550 MHz	3.5	3.5/7.4	5.9	7.2	11.2
551 - 750 MHz	3.7	3.5/7.5	6.5	7.5	11.5
751 - 1000 MHz	3.7	3.5/7.5	6.5	7.5	11.5
<b>Isolation (dB)</b>					
5 - 15 MHz	30	30	30	30	22
15 - 42 MHz	40	40	40	40	37
43 - 65 MHz	30	30	30	30	25
66 - 250 MHz	30	30	30	30	25
251 - 550 MHz	30	30	30	30	25
551 - 750 MHz	28	28	28	28	25
751 - 1000 MHz	28	28	28	28	25
<b>Return Loss - Input (dB)</b>					
5 - 15 MHz	25	25	25	25	25
15 - 42 MHz	28	28	28	28	30
43 - 65 MHz	28	28	28	28	25
66 - 250 MHz	28	28	28	28	25
251 - 550 MHz	28	28	28	28	25
551 - 750 MHz	25	28	28	25	25
751 - 1000 MHz	25	28	28	25	25
<b>Return Loss - Output (dB)</b>					
5 - 15 MHz	30	25	25	25	25
15 - 42 MHz	35	35	35	30	30
43 - 65 MHz	25	30	30	28	25
66 - 250 MHz	25	30	30	28	25
251 - 550 MHz	25	30	30	28	25
551 - 1000 MHz	25	25	28	28	25

### Ordering Information

Model	Stock No.	Description
DGS-2	1951	Splitter, 2 Way Low Intermod. Solder Back, 5-1000 MHz
DGS-3	1952	Splitter, 3 Way Low Intermod. Solder Back, 5-1000 MHz
DGS-3B	1959	Splitter, 3 Way(Bal) Low Intermod. Solder Back, 5-1000 MHz
DGS-4	1953	Splitter, 4 Way Low Intermod. Solder Back, 5-1000 MHz
DGS-8	1954	Splitter, 8 Way Low Intermod. Solder Back, 5-1000 MHz