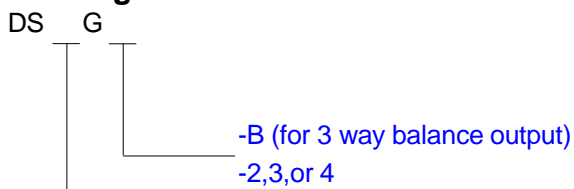




## DSxG Features:

- 5-1002 MHz bandwidth
- Low intermodulation distortion and protection against spikes and ferrite saturation
- Superior isolation and return loss for return path
- 6 kV ring wave surge withstand capability on all ports
- Round contact insertion pins
- Solder back for 120 dB RFI shielding effectiveness
- Zinc alloy die-cast housing
- Tin Plating
- Stainless steel ground screw
- Compliant with SCTE guidelines

## Ordering Information:



	2 way	3 way	3 way balance	4 way	
Inner Box Qty	20	20	20	20	pcs
Standard Carton Qty	400	200	200	200	pcs
Carton Weight	22 kgs (49 lbs)	25 kgs (55 lbs)	25 kgs (55 lbs)	25 kgs (55 lbs)	



## DS2G                  DS3G                  DS3GB    DS4G

Insertion Loss	2 Way		3 Way Unbal		3 Way Bal		4 Way		
	Typ	Min	Typ	Min	Typ	Min	Typ	Min	
5-10 MHz	3.2	3.3	3.2 / 6.4	3.3 / 6.5	5.0	5.2	6.5	6.7	dB
11-500 MHz	3.2	3.3	3.2 / 6.4	3.3 / 6.5	5.5	5.6	6.5	6.7	dB
501-750 MHz	3.5	3.6	3.6 / 6.5	3.7 / 6.7	6.0	6.2	6.7	6.8	dB
751-1002 MHz	3.7	3.8	3.8 / 7.2	3.9 / 7.4	6.0	6.5	7.4	7.5	dB

Input Return Loss	Typ	Min	Typ	Min	Typ	Min	Typ	Min	
5-15 MHz	30	29	28	25	28	25	28	27	dB
16-42 MHz	30	29	28	25	28	25	30	27	dB
43-500 MHz	28	22	28	22	28	22	28	22	dB
501-750 MHz	28	22	28	22	28	22	28	22	dB
751-1002 MHz	28	22	28	22	28	22	28	22	dB

Output Return Loss	Typ	Min	Typ	Min	Typ	Min	Typ	Min	
5-15 MHz	27	25	35	25	35	25	30	25	dB
16-42 MHz	35	25	35	25	35	25	35	25	dB
43-500 MHz	28	22	28	22	28	22	28	22	dB
501-750 MHz	28	22	28	22	28	22	28	22	dB
751-1002 MHz	28	22	28	22	28	22	28	22	dB

Isolation Out to Out	Typ	Min	Typ	Min	Typ	Min	Typ	Min	
5-15 MHz	27	25	26	25	28	25	40	30	dB
16-42 MHz	45	40	45	40	45	40	45	40	dB
43-500 MHz	35	30	35	30	35	30	35	30	dB
501-750 MHz	35	30	35	30	35	30	35	30	dB
751-1002 MHz	32	30	32	30	32	30	32	30	dB

General	
2nd Harmonics	Typical -55 dBmV, min -45 dBmV
Surge Withstand Capability	IEEE C62.41-1991 100kHz Ring Wave, Category A3 6kV
F Connector	SCTE Compliant IPS-SP-400
Operation Temperature	-40C to +60C
RFI Shielding	-120 dB

- Specifications subject to change without notice. v9.00
- Typ: Typical. Min: Minimum