

VERTICAL SPLITTERS [DSxGV]

Cable Products, Drop Passives



Features

- 5-1002 MHz bandwidth
- Vertical Port Splitters
- 6 kV ring wave surge withstand capability on output ports
- 6 kV combo wave surge withstand capability on input ports
- Round contact insertion pins beryllium copper
- Solder back for 120 dB RFI shielding effectiveness
- Zinc alloy die-cast housing
- Tin plating
- Compliant with SCTE guidelines
- 2nd harmonics | Typical -55 dBmV, Min -45 dBmV
- F Connector, SCTE compliant IPS-SP-400
- Operation Temperature of -40°C to +60°C
- Two mounting screws included



Ordering Information

DS x G x V

B, for 3-way balance output

2, 3, 4, 6, or 8 way

Model Number	Inner Box	Standard Carton	Carton Weight
DS2GV	20 pcs	400 pcs	25 kgs / 49 lbs
DS3GV	20 pcs	400 pcs	25 kgs / 55 lbs
DS3GBV	20 pcs	400 pcs	25 kgs / 55 lbs
DS4GV	20 pcs	400 pcs	25 kgs / 55 lbs
DS6GV	10 pcs	150 pcs	22 kgs / 48 lbs
DS8GV	10 pcs	150 pcs	22 kgs / 48 lbs



GM: Guarantee Minimum

Insertion Loss (dB)

	DS2GV	DS3GV	DS3GBV	DS4GV	DS6GV	DS8GV
Frequency 5–10 MHz	3.4	3.3/6.8	5.2	6.8	10.0	10.5
11–500 MHz	3.5	3.4/7.0	5.6	7.0	11.0	11.0
501–750 MHz	3.6	3.6/7.5	6.2	7.5	11.5	11.5
751–1002 MHz	4.0	4.0/8.0	6.8	8.0	12.0	12.0

Input Return Loss (dB)

	DS2GV	DS3GV	DS3GBV	DS4GV	DS6GV	DS8GV
Frequency 5–15 MHz	20	20	20	20	16	16
16–42 MHz	25	25	25	25	18	18
43–500 MHz	20	20	20	20	18	18
501–750 MHz	20	20	20	20	16	16
751–1002 MHz	20	20	20	20	16	16

Output Return Loss (dB)

	DS2GV	DS3GV	DS3GBV	DS4GV	DS6GV	DS8GV
Frequency 5–15 MHz	20	20	20	20	16	16
16–42 MHz	30	30	30	30	18	18
43–500 MHz	20	20	20	20	18	18
501–750 MHz	20	20	20	20	16	16
751–1002 MHz	20	20	20	20	16	16

Isolation Out to Out (dB)

	DS2GV	DS3GV	DS3GBV	DS4GV	DS6GV	DS8GV
Frequency 5–15 MHz	20	20	20	20	20	20
16–42 MHz	35	35	35	35	25	25
43–500 MHz	23	23	23	23	25	25
501–750 MHz	20	20	20	20	20	20
751–1002 MHz	20	20	20	20	20	20