

# HORIZONTAL SPLITTERS

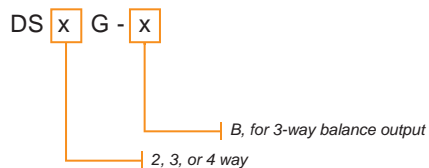
## DSxG-x

CABLE PRODUCTS, DROP PASSIVES

### 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 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 -60 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



Taikan



Model Number	Inner Box	Standard Carton	Carton Weight
DS2G	20 pcs	400 pcs	22 kgs / 49 lbs
DS3G	20 pcs	200 pcs	25 kgs / 55 lbs
DS3G-B	20 pcs	200 pcs	25 kgs / 55 lbs
DS4G	20 pcs	200 pcs	25 kgs / 55 lbs

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| **GM:** Guarantee Minimum    **Typ:** Typical |

**Insertion Loss (dB)**

Frequency	DS2G		DS3G		DS3GB		DS4G	
	GM	TYP	GM	TYP	GM	TYP	GM	TYP
5–10 MHz	3.3	3.2	3.3/6.5	3.2/6.4	5.2	5.0	6.7	6.5
11–500 MHz	3.3	3.2	3.3/6.5	3.2/6.4	5.6	5.5	6.7	6.5
501–750 MHz	3.6	3.5	3.7/6.7	3.6/6.5	6.2	6.0	6.8	6.7
751–1002 MHz	3.8	3.7	3.9/7.4	3.8/7.2	6.5	6.0	7.5	7.4

**Input Return Loss (dB)**

Frequency	DS2G		DS3G		DS3GB		DS4G	
	GM	TYP	GM	TYP	GM	TYP	GM	TYP
5–15 MHz	29	30	25	28	25	28	27	28
16–42 MHz	29	30	25	28	25	28	27	30
43–500 MHz	22	28	22	28	22	28	22	28
501–750 MHz	22	28	22	28	22	28	22	28
751–1002 MHz	22	28	22	28	22	28	22	28

**Output Return Loss (dB)**

Frequency	DS2G		DS3G		DS3GB		DS4G	
	GM	TYP	GM	TYP	GM	TYP	GM	TYP
5–15 MHz	25	27	25	35	25	35	25	30
16–42 MHz	25	35	25	35	25	35	25	35
43–500 MHz	22	28	22	28	22	28	22	28
501–750 MHz	22	28	22	28	22	28	22	28
751–1002 MHz	22	28	22	28	22	28	22	28

**Isolation Out to Out (dB)**

Frequency	DS2G		DS3G		DS3GB		DS4G	
	GM	TYP	GM	TYP	GM	TYP	GM	TYP
5–15 MHz	25	27	25	26	25	28	30	40
16–42 MHz	40	45	40	45	40	45	40	45
43–500 MHz	30	35	30	35	30	35	30	35
501–750 MHz	30	35	30	35	30	35	30	35
751–1002 MHz	30	32	30	32	30	32	30	32