

HORIZONTAL SPLITTERS [DSxG-x]

Cable Products, Drop Passives



Description

Taikan's drop splitters are designed to divide and distribute TV signals to multiple locations within the subscriber's premises.

These drop splitters are manufactured to conform to leading industry standards and cable operator approved requirements.

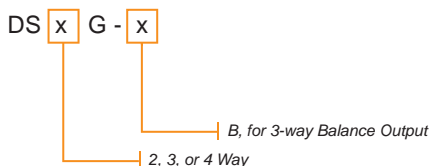
Engineered and manufactured to deliver superior intermodulation distortion and second harmonic performance, Taikan's drop splitters also offer low insertion loss and excellent return loss and isolation.



Features

- Horizontal Port Splitters
- 5-1002 MHz Bandwidth
- Low Intermodulation Distortion and Protection Against Spikes and Ferrite Saturation
- Superior Isolation and Return Loss for Return Path
- 6kV 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
- Tin Plated Zinc Alloy Die-cast Housing for Corrosion Resistance
- Compliant with SCTE Guidelines
- 2nd Harmonics: Typical -60 dBmV, Min -45 dBmV
- "F" Connector, SCTE Compliant IPS-SP-400
- Operation Temperature of -40 to 60 °C (-40 to 140 °F)
- Two Mounting Screws Included

Ordering Information



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



Insertion Loss (dB)

	DS2G	DS3G	DS3GB	DS4G
5–10 MHz	3.2	3.2/6.4	5.0	6.5
11–500 MHz	3.2	3.2/6.4	5.5	6.5
501–750 MHz	3.5	3.6/6.5	6.0	6.7
751–1002 MHz	3.7	3.8/7.2	6.0	7.4

Input Return Loss (dB)

	DS2G	DS3G	DS3GB	DS4G
5–15 MHz	30	28	28	28
16–42 MHz	30	28	28	30
43–500 MHz	28	28	28	28
501–750 MHz	28	28	28	28
751–1002 MHz	28	28	28	28

Output Return Loss (dB)

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

Isolation Out to Out (dB)

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