

# 1.0 GHz HORIZONTAL SPLITTERS

[DSxG-H-x]

Cable Products, Drop Passives

**Taikan**  
ESTD. 1973

## 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.

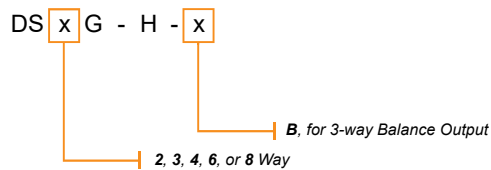
Engineered and manufactured to deliver superior intermodulation distortion and second harmonic performance, Taikan's drop splitters also offer low insertion loss, excellent return loss, and isolation.



## 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
- 6 kV/200A Ring Wave Surge Withstand Capability on All Ports
- Beryllium Copper Round Contact Insertion Pins
- Soldered Back for 120 dB RFI Shielding Effectiveness
- Tin Plated Zinc Alloy Die-cast Housing for Corrosion Resistance
- Single Tone 2nd Harmonic after Surge Testing: > 95 dBc
- "F" Connector, SCTE 02 Compliant
- Operation Temperature of -40 to 60 °C (-40 to 140 °F)
- Two Mounting Screws Included
- Compliant with SCTE Guidelines

## Ordering Information



Model Number	Inner Box	Standard Carton	Carton Weight
DS2G-H	20 pcs	400 pcs	20 kg / 44 lbs
DS3G-H	20 pcs	400 pcs	25 kg / 55 lbs
DS3G-H-B	20 pcs	400 pcs	25 kg / 55 lbs
DS4G-H	20 pcs	400 pcs	26 kg / 57 lbs
DS6G-H	10 pcs	200 pcs	24 kg / 53 lbs
DS8G-H	10 pcs	200 pcs	24 kg / 53 lbs



**Insertion Loss (dB)**

	<b>DS2G-H</b>	<b>DS3G-H</b>	<b>DS3G-H-B</b>	<b>DS4G-H</b>	<b>DS6G-H</b>	<b>DS8G-H</b>
Frequency 5–15 MHz	3.7	3.7 / 7.0	6.1	7.2	10.0	11.0
15–500 MHz	3.7	3.7 / 7.3	6.1	7.2	10.0	11.0
500–750 MHz	3.7	3.8 / 7.5	6.7	7.5	10.5	11.5
750–1002 MHz	3.9	3.8 / 7.8	7.4	7.8	10.5	11.5

**Isolation Out to Out (dB)**

	<b>DS2G-H</b>	<b>DS3G-H</b>	<b>DS3G-H-B</b>	<b>DS4G-H</b>	<b>DS6G-H</b>	<b>DS8G-H</b>
Frequency 5–15 MHz	≥ 20	≥ 25	≥ 25	≥ 25	≥ 23	≥ 25
15–42 MHz	≥ 30	≥ 30	≥ 30	≥ 35	≥ 30	≥ 30
42–500 MHz	≥ 25	≥ 25	≥ 25	≥ 25	≥ 25	≥ 25
500–750 MHz	≥ 25	≥ 25	≥ 25	≥ 25	≥ 25	≥ 25
750–1002 MHz	≥ 25	≥ 25	≥ 25	≥ 25	≥ 25	≥ 25

**Input/Output Return Loss (dB)**

	<b>DS2G-H</b>	<b>DS3G-H</b>	<b>DS3G-H-B</b>	<b>DS4G-H</b>	<b>DS6G-H</b>	<b>DS8G-H</b>
Frequency 5–15 MHz	≥ 18	≥ 16	≥ 18	≥ 18	≥ 20	≥ 20
15–42 MHz	≥ 23	≥ 23	≥ 23	≥ 23	≥ 23	≥ 23
42–500 MHz	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20
500–750 MHz	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20
750–1002 MHz	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20