

# HORIZONTAL SPLITTERS [DSxG-H-x]

Cable Products, Drop Passives

# TaiTin

## Description

TaiTin'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.

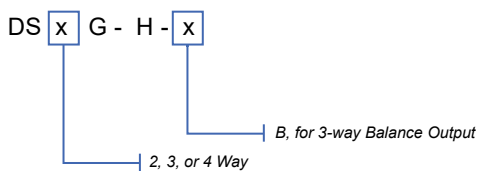
Engineered and manufactured to deliver superior intermodulation distortion and second harmonic performance, TaiTin's drop splitters also offer low insertion loss and excellent return loss and isolation.



## 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
- 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
- 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
<b>DS2G-H</b>	20 pcs	400 pcs	20 kg / 44 lbs
<b>DS3G-H</b>	20 pcs	400 pcs	25 kg / 55 lbs
<b>DS3G-H-B</b>	20 pcs	400 pcs	25 kg / 55 lbs
<b>DS4G-H</b>	20 pcs	400 pcs	26 kg / 57 lbs

**Insertion Loss (dB)**

	<b>DS2G-H</b>	<b>DS3G-H</b>	<b>DS3G-H-B</b>	<b>DS4G-H</b>
Frequency 5–10 MHz	3.5	3.5/6.8	5.5	6.8
11–500 MHz	3.7	3.7/7.3	5.8	7.2
501–750 MHz	3.8	3.8/7.5	6.2	7.5
751–1002 MHz	4.0	4.0/8.0	6.5	8.0

**Input Return Loss (dB)**

	<b>DS2G-H</b>	<b>DS3G-H</b>	<b>DS3G-H-B</b>	<b>DS4G-H</b>
Frequency 5–15 MHz	22	22	22	20
16–42 MHz	25	23	25	22
43–500 MHz	20	20	20	20
501–750 MHz	20	20	20	20
751–1002 MHz	18	18	18	18

**Output Return Loss (dB)**

	<b>DS2G-H</b>	<b>DS3G-H</b>	<b>DS3G-H-B</b>	<b>DS4G-H</b>
Frequency 5–15 MHz	22	22	22	20
16–42 MHz	25	25	25	25
43–500 MHz	20	20	20	20
501–750 MHz	20	20	20	20
751–1002 MHz	20	20	18	18

**Isolation Out to Out (dB)**

	<b>DS2G-H</b>	<b>DS3G-H</b>	<b>DS3G-H-B</b>	<b>DS4G-H</b>
Frequency 5–15 MHz	30	25	25	25
16–42 MHz	35	35	30	35
43–500 MHz	25	25	25	25
501–750 MHz	25	25	25	25
751–1002 MHz	23	23	23	23