

# HORIZONTAL SPLITTERS [DSxV-H-x]

Cable Products, Drop Passives

# TaiTin

## 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.

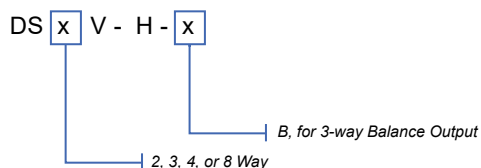
Engineered and manufactured to deliver superior intermodulation distortion and second harmonic performance, Taikan's drop splitters also offer low insertion loss and excellent return loss and isolation.



## Features

- Horizontal Port Splitters
- 5-1218 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
DS2V-H	20 pcs	400 pcs	20 kg / 44 lbs
DS3V-H	20 pcs	400 pcs	25 kg / 55 lbs
DS3V-H-B	20 pcs	400 pcs	25 kg / 55 lbs
DS4V-H	20 pcs	400 pcs	26 kg / 57 lbs
DS8V-H	10 pcs	200 pcs	24 kg / 53 lbs

**Insertion Loss (dB)**

	<b>DS2V-H</b>	<b>DS3V-H</b>	<b>DS3V-H-B</b>	<b>DS4V-H</b>	<b>DS8V-H</b>
5-10 MHz	3.5	3.6 / 7.0	5.5	7.6	11.0
11-65 MHz	3.7	3.6 / 7.0	5.5	7.4	10.8
66-470 MHz	3.8	3.8 / 7.2	5.8	7.4	11.0
471-862 MHz	4.0	4.0 / 7.7	6.1	7.6	11.5
863-1002 MHz	4.0	4.1 / 8.1	6.5	7.9	11.8
1003-1218 MHz	4.2	4.3 / 8.5	7.0	8.5	12.7

**Isolation Out to Out (dB)**

	<b>DS2V-H</b>	<b>DS3V-H</b>	<b>DS3V-H-B</b>	<b>DS4V-H</b>	<b>DS8V-H</b>
5-10 MHz	25	25	25	25	25
11-65 MHz	35	32	33	35	31
66-470 MHz	28	28	27	28	27
471-862 MHz	25	25	23	25	23
863-1002 MHz	24	24	23	24	22
1003-1218 MHz	22	22	22	22	22

**Input Return Loss (dB)**

	<b>DS2V-H</b>	<b>DS3V-H</b>	<b>DS3V-H-B</b>	<b>DS4V-H</b>	<b>DS8V-H</b>
5-10 MHz	20	20	20	20	20
11-65 MHz	23	23	23	23	23
66-1002 MHz	20	20	20	20	20
1003-1218 MHz	16	16	16	16	16

**Output Return Loss (dB)**

	<b>DS2V-H</b>	<b>DS3V-H</b>	<b>DS3V-H-B</b>	<b>DS4V-H</b>	<b>DS8V-H</b>
5-10 MHz	20	20	20	20	20
11-65 MHz	23	23	23	23	23
66-1002 MHz	20	20	20	20	20
1003-1218 MHz	16	16	16	16	16