

1.218 GHz VERTICAL SPLITTERS [DSxV-V-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.

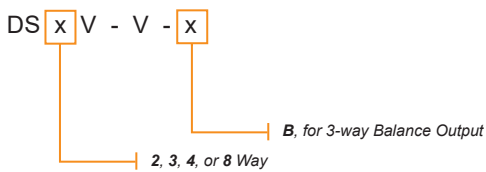


Features

- Vertical 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
- Second Harmonic Distortion: ≥ 95 dB Relative to the Injected Signal
- "F" Connector, SCTE Compliant IPS-SP-400
- 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
DS2V-V	20 pcs	400 pcs	20 kg / 44 lbs
DS3V-V	20 pcs	400 pcs	25 kg / 55 lbs
DS3V-V-B	20 pcs	400 pcs	25 kg / 55 lbs
DS4V-V	20 pcs	400 pcs	26 kg / 57 lbs
DS8V-V	10 pcs	200 pcs	24 kg / 53 lbs

Insertion Loss (dB)

	DS2V-V	DS3V-V	DS3V-V-B	DS4V-V	DS8V-V
Frequency 5-400 MHz	3.6	3.6 / 7.2	6.1	7.2	11.2
400-600 MHz	4.0	4.0 / 7.8	6.5	7.8	12.0
600-1002 MHz	4.4	4.4 / 8.8	7.0	8.8	12.5
1002-1218 MHz	4.8	4.8 / 9.2	7.5	9.2	13.0

Isolation Out to Out (dB)

	DS2V-V	DS3V-V	DS3V-V-B	DS4V-V	DS8V-V
Frequency 5-10 MHz	22	22	22	22	22
10-65 MHz	30	30	30	30	30
65-870 MHz	25	25	25	25	25
870-1002 MHz	22	22	22	22	22
1002-1218 MHz	20	20	20	20	20

Input Return Loss (dB)

	DS2V-V	DS3V-V	DS3V-V-B	DS4V-V	DS8V-V
Frequency 5-10 MHz	20	20	20	20	20
10-65 MHz	20	20	20	20	20
65-1002 MHz	20	20	20	20	20
1002-1218 MHz	18	18	18	18	18

Output Return Loss (dB)

	DS2V-V	DS3V-V	DS3V-V-B	DS4V-V	DS8V-V
Frequency 5-10 MHz	20	20	20	20	20
10-65 MHz	20	20	20	20	20
65-1002 MHz	20	20	20	20	20
1002-1218 MHz	18	18	18	18	18