

## Description:

Zinc die cast housing and fully soldered back ensure the best electrical performance in a variety of splitter types and outputs. Precisely engineered electrical components and materials guarantee peak performance in every condition, location, and environment. Broadband digital splitters are designed to meet the highest technical performance in the broadband industry. Trust your network with the Amphenol Broadband Solutions Digital Splitter.



BDS1202H



BDS1202VF

## Features & Benefits:

- 1.2 GHz performance
- Horizontal and TrueFlex™ Housings
- Built to SCTE standards
- Capacitive coupled F-ports prevent hum modulation
- UL Listed
- Pressure sealed machined F-ports
- Zinc die cast housing and back cover
- Soldered back for EMI shielding effectiveness
- 15psi pressure sealed weather resistant ports

## Applications:

**Premise, Multi-Dwelling Units (MDU) and Business**

## Specifications:

Insertion Loss	Frequency (MHz)	BDS1202H/VF	BDS1203H/VF	BDS1203HB/VFB	BDS1204H/VF	BDS1206VF	BDS1208H/VF
dB Max	5-400	3.6	3.6/7.2	6.0	7.2	9.1	11.0
	401-600	4.0	4.0/7.8	6.4	7.8	9.7	11.6
	601-1002	4.4	4.4/8.4	6.9	8.4	10.3	12.2
	1003-1218	4.8	4.8/9.0	7.4	9.0	11.0	12.9
<b>Frequency Response</b>							
dB Max Peak to Peak	5-1218			1.0			
<b>Isolation</b>							
dB Min	5-10			22			
	11-85			32			
	86-870			25			
	871-1002			22			
	1003-1218			20			
<b>Return Loss</b>							
dB Min (In and Out)	5-1002			20			
	1003-1218			18			
<b>Shielding</b>							
dB Min	5-1002			120			
	1003-1218			110			
<b>Surge Withstand</b>							
Input				6kV A3 Ring Wave (IEEE C62.41)			
Output				6kV A3 Ring Wave (IEEE C62.41)			
<b>Second Harmonic</b>							
dBc Min	30/60 @60dBmV			100			

Customers are reminded they are SOLELY responsible for confirming that all products are properly installed and used in accordance with codes and regulations.

Specifications are subject to change without notice © 2020 Amphenol Broadband Solutions