

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.



BDS102H



BDS102VF

Features & Benefits:

- 1 GHz performance capabilities
- Available in Vertical True Flex™ or Horizontal Housings
- Built to SCTE standards
- Capacitive coupled F-ports prevent hum modulation
- UL Listed
- Machined F-ports pressure sealed
- Zinc die-cast housing and back cover
- Soldered back for EMI shielding effectiveness

Applications:

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

Additional Info:

Specifications

Insertion Loss	Frequency(MHz)	BDS102H/VF	BDS103H/VF	BDS103H/VFB	BDS104H/VF	BDS108H/VF
dB Typical	5 - 14	3.5	3.5/7.0	5.8	7.0	11.0
	15 - 40	3.5	3.5/7.0	5.8	7.2	11.0
	41 - 200	3.5	3.5/7.1	5.8	7.2	11.0
	201 - 550	3.7	3.7/7.3	6.0	7.4	11.2
	551 - 750	3.8	3.9/7.6	6.2	7.6	11.8
	751 - 1002	4.0	4.1/8.1	6.8	8.0	12.5

Isolation						
dB Typical	5 - 14	24	24	24	24	24
	15 - 40	35	35	32	35	32
	41 - 200	30	30	28	28	28
	201 - 550	25	25	22	25	25
	551 - 750	25	25	22	25	25
	751 - 1002	22	22	22	22	23

Return Loss						
(Output/Input)	5 - 14	22/22	20/22	20/22	20/20	20/22
dB Typical	15 - 40	35/25	30/24	25/25	30/22	28/22
	41 - 200	25/23	24/23	22/23	24/22	24/22
	201 - 550	22/20	20/20	20/20	20/20	20/20
	551 - 750	20/20	20/20	20/20	20/20	20/20
	751 - 1002	20/20	20/20	20/20	20/20	20/20

Shielding						
	5 - 1002	120	120	120	120	120

Bonding

UL Listed for #8-14 solid copper bond wire

Surge Protection

6kV Ring Wave Surge, IEEE C62.41 Cat A3

6kV Ring Wave Surge, IEEE C62.41 Cat A3

Second Harmonic

-45dBmV, measured with a +55dBmV return input carrier after 6KV ring wave surge

Specifications Are Subject To Change Without Notice ©
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Customers are reminded they are SOLELY responsible for confirming
that all products are properly installed and used in accordance with
codes and regulations.