Amphenol Broadband Solutions®

Vertical True Flex™/Horizontal Splitters Model BDS100H/VF Broadband Digital Splitter Series

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.



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.

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Additional Info:

Specifications

Frequency(MHz)	BDS102H/VF	BDS103H/VF	BDS103H/VFB	BDS104H/VF	BDS108H/VF
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
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
5 - 14	22/22	20/22	20/22	20/20	20/22
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
5 - 1002	120	120	120	120	120
		UL Listed for #8-14	solid copper bond wire		
		6kV Ring Wave Su	urge, IEEE C62.41 Cat A3		
		6kV Ring Wave Su	urge, IEEE C62.41 Cat A3		
c					
	 5 - 14 15 - 40 41 - 200 201 - 550 551 - 750 751 - 1002 5 - 14 15 - 40 41 - 200 201 - 550 551 - 750 551 - 750 551 - 750 41 - 200 201 - 550 551 - 750 551 - 750 751 - 1002 	5 - 14 3.5 15 - 40 3.5 41 - 200 3.5 201 - 550 3.7 551 - 750 3.8 751 - 1002 4.0 5 - 14 24 15 - 40 35 41 - 200 30 201 - 550 25 551 - 750 25 551 - 750 25 551 - 750 25 751 - 1002 22 5 - 14 22/22 15 - 40 35/25 15 - 14 22/22 15 - 14 22/22 15 - 14 22/22 15 - 14 22/22 15 - 14 22/22 15 - 14 22/20 551 - 750 20/20 201 - 550 20/20 551 - 750 20/20 5 - 1002 120	5 - 14 3.5 3.5/7.0 15 - 40 3.5 3.5/7.0 41 - 200 3.5 3.5/7.1 201 - 550 3.7 3.7/7.3 551 - 750 3.8 3.9/7.6 751 - 1002 4.0 4.1/8.1 5 - 14 24 24 15 - 40 35 35 41 - 200 30 30 201 - 550 25 25 5 - 14 24 24 15 - 40 35 35 41 - 200 30 30 201 - 550 25 25 751 - 1002 22 22 15 - 14 22/22 20/22 15 - 14 22/22 20/22 15 - 14 22/20 20/20 15 - 14 22/20 20/20 201 - 550 20/20 20/20 551 - 750 20/20 20/20 5 - 1002 120 120 5 - 1002 120 120 5 - 1002 120 120 6KV Ring Wave Su 6KV Ring Wav	5 - 14 3.5 3.5/7.0 5.8 15 - 40 3.5 3.5/7.0 5.8 41 - 200 3.5 3.5/7.1 5.8 201 - 550 3.7 3.7/7.3 6.0 551 - 750 3.8 3.9/7.6 6.2 751 - 1002 4.0 4.1/8.1 6.8 751 - 1002 4.0 4.1/8.1 6.8 751 - 1002 4.0 4.1/8.1 6.8 751 - 1002 3.0 3.0 2.8 201 - 550 2.5 2.5 2.2 551 - 750 2.5 2.2 2.2 201 - 550 2.5 2.5 2.2 2551 - 750 2.5 2.2 2.2 751 - 1002 2.2 2.0/2.2 2.0/2.2 15 - 40 3.5/2.5 3.0/2.4 2.5/2.5 21 - 550 2.2/2.0 2.0/2.0 2.0/2.0 251 - 750 2.0/2.0 2.0/2.0 2.0/2.0 25 - 1002 120 1.0 1.0 1.0 5 - 1002 120 1.20 1.0 1.0	5 - 14 3.5 3.57/0 5.8 7.0 15 - 40 3.5 3.57/0 5.8 7.2 41 - 200 3.5 3.57/1 5.8 7.2 201 - 550 3.7 3.7/7.3 6.0 7.4 551 - 750 3.8 3.9/7.6 6.2 7.6 751 - 1002 4.0 4.1/8.1 6.8 8.0 7 5.51 7.50 3.8 3.9/7.6 6.2 7.6 751 - 1002 4.0 4.1/8.1 6.8 8.0 7.6 751 - 1002 4.0 4.1/8.1 6.8 8.0 7.6 551 - 750 3.5 3.2 3.5

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

Specifications Are Subject To Change Without Notice © 2019 Amphenol Broadband Solutions

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

