

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 Extreme Broadband 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 shield effectiveness

Applications:

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

Additional Info:

Specifications

Insertion Loss	Frequency (MHz)	BDS102H/VF	BDS103H/VF	BDS103HB/VFB	BDS104H/VF	BDS106VF	BDS108H/VF
dB Max	5 - 15	3.5	3.7/7.0	5.5	7.1	9.0	10.5
	16 - 40	3.5	3.5/7.1	5.5	7.1	9.0	10.6
	50 - 400	3.5	3.5/7.1	5.5	7.1	9.2	10.6
	401 - 500	3.6	3.6/7.2	5.5	7.2	9.3	10.7
	501 - 600	3.7	3.7/7.5	5.9	7.5	9.4	10.9
	601 - 900	3.8	3.8/7.7	5.9	7.7	9.8	11.2
	901 - 1002	3.9	3.9/7.8	5.9	7.8	10.0	11.5
Isolation							
dB Min	5 - 15	25	25	25	25	25	25
	16 - 40	35	35	35	35	35	35
	50 - 400	30	30	30	30	30	30
	401 - 1002	26	26	26	26	26	26
Return Loss							
dB Min	5 - 15	22	22	22	22	22	22
	16 - 40	30/25	30/25	30/25	30/25	30/25	30/25
	50 - 400	22	22	22	22	22	22
	401 - 1002	22	22	22	22	22	22
Shielding							
	5 - 1002	110	110	110	110	110	110
Bonding							
UL Listed for #8-14 solid copper bond wire							
Surge Protection							
Input				6kV/3KA Combo Wave			
Output				6kV/200A Ring Wave			
Second Harmonic							
-40dBmV, measured with a +55dBmV return input carrier							

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.