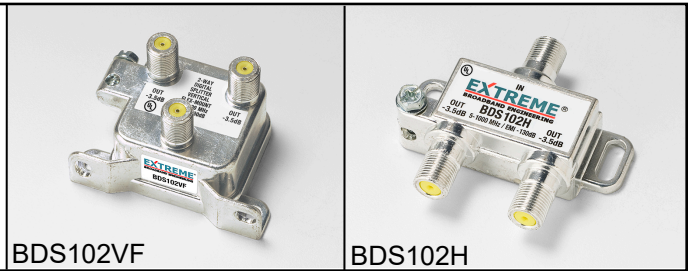


Vertical *True Flex*<sup>™</sup> / Horizontal Splitters Model BDS100H-VF Series

**Product Features**

- 1 GHz performance capabilities
- 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



Unique *True Flex*<sup>™</sup> Housing Available in 2, 3, 3 Way Balanced, 4, 6, 8 and 16 Way(Not Shown)

Horizontal Housings Available in 2, 3, 3 Way Balanced, 4 and 8 Way

Model Number	Broadband Digital Splitters - BDS100H/VF Series						
Specifications	Frequency	BDS102/VF	BDS103H/VF	BDS103HB/VFB	BDS104H/VF	BDS106VF	BDS108H/VF
Insertion Loss	(MHz)	Min/Max	Min/Max	Min/Max	Min/Max	Min/Max	Min/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
	40-400	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
<b>Isolation</b>							
	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
<b>Return Loss</b>							
Output/Input	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
<b>RFI</b>							
		130	130	130	130	130	130
<b>UL Approved</b>							
		Yes	Yes	Yes	Yes	Yes	Yes
Surge Protection		6KV Ring Wave Surge, IEEE C62.41 Cat. A3					
Second Harmonic		-60dBmV, measured with a +55dBmV return input carrier					

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