

Description:

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



Features & Benefits:

- 1.2 GHz performance
- Horizontal, Vertical and True Flex™ 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

Applications:

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

Additional Info: Specifications

Model	BDC12100H/V/VF	12104	12106	12109	12112	12116	12120	12124	12127	12130
Tap Loss (dB)	Frequency(MHz)	4	6	9	12	16	20	24	27	30
± dB Max	5 - 85	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	86 - 860	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	861-1002	1.0	1.5	1.0	1.0	1.0	1.0	1.2	1.2	1.2
	1003 - 1218	1.0	1.8	1.0	1.0	1.0	1.0	1.5	1.5	1.5
Insertion Loss										
dB Max	5 - 85	3.7	2.8	1.6	1.0	1.0	0.6	0.6	0.6	0.6
	86 - 860	3.8	2.6	1.7	1.0	0.8	0.8	0.8	0.8	0.8
	861-1002	3.9	3.0	2.2	1.5	1.2	1.1	1.1	1.1	1.1
	1003 - 1218	4.3	3.4	2.5	1.7	1.5	1.3	1.3	1.3	1.3
Isolation										
dB Min	5 - 14	22	24	25	25	30	33	38	40	42
	15 - 85	30	25	27	30	30	33	38	40	42
	86 - 860	28	24	27	28	30	30	32	35	38
	861-1002	25	22	25	25	26	28	30	32	34
	1003 - 1218	22	20	22	24	24	26	28	30	30
Return Loss										
(Input and Output)	5 - 14	22	18	18	18	22	22	22	22	22
dB Min	15 - 85	25	18	18	20	25	25	25	25	25
	86 - 860	22	18	20	20	22	22	22	22	22
	861-1002	20	18	18	18	20	20	20	20	20
	1003 - 1218	18	16	16	18	18	18	18	18	18
Return Loss										
(Tap)	5 - 14	22	18	18	18	22	22	22	22	22
dB Min	15 - 85	25	18	18	20	25	25	25	25	25
	86 - 860	22	18	20	20	22	22	22	22	22
	861-1002	20	18	18	18	20	20	20	20	20
	1003 - 1218	18	16	16	18	18	18	18	18	18
Shielding										
dB Min	5 - 1218	110	110	110	110	110	110	110	110	110
Surge										
Input and Output	6kV Ring Wave Surge, IEEE C62.41 Cat A3									
Weather Resistant										
15 psi										
Second Harmonic										
-45dBmV, measured with a +55dBmV return input carrier after 6KV ring wave surge										

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