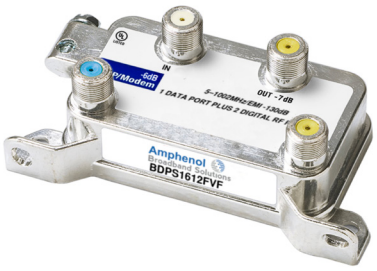
Amphenol Broadband Solutions®

Data Plus™ VoIP/Cable Modem Splitters
Model BDPS1010VF
Broadband Digital Splitter Series

Description:

Data Plus™ splitters provid either a 6dB or 9dB dedicated port for VoIP and cable modem installations. 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.



BDPS1612VF

Features & Benefits:

- 1 GHz Performance Capabilities
- Data Port Provides a Clear Return Path
- Lower Number of Interfaces
- Reduces Installation Time
- Conserves Labor Cost
- Lowers Product Cost
- Perfect for Infinity Premise Enclosure
- Zinc Die-Cast Housing and Back Cover
- Soldered Back for EMI Shielding Effectiveness

Applications:

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

Additional Info:

Specifications

		BDPS1612VF		BDPS1912VF	
Insertion Loss	**Frequency(MHz)**	**In to RF**	**In to Data**	**In to RF**	**In to Data**
dB Max/Min	5 - 15	5.1	6.9	4.4	9.6
	16 - 40	5.0	6.8	4.3	9.6
	54 - 400	5.2	6.8	4.5	9.5
	401 - 550	5.7	6.4	4.9	9.3
	551 - 1000	6.4	6.0	5.4	9.0
Isolation		**RF to RF**	**Data to RF**	**RF to RF**	**Data to RF**
dB Max/Min	5 - 15	20	23	20	25
	16 - 40	35	30	35	30
	54 - 400	25	25	25	25
	401 - 550	23	23	23	25
	551 - 1000	20	20	20	25
Return Loss		**In / RF**	**DATA**	**In /RF**	**DATA**
(Output/Input)	5 - 15	16/18	16	18/20	18
dB Max/Min	16 - 40	17/18	17	18/25	18
	54 - 400	18	18	20	20
	401 - 550	20	20	20	20
	551 - 1000	20	20	20	20

		BDPS1614VF		BDPS1914VF	
Insertion Loss	**Frequency(MHz)**	**In to RF**	**In to Data**	**In to RF**	**In to Data**
dB Max/Min	5 - 15	8.7	6.9	7.9	9.6
	16 - 40	8.5	6.8	7.8	9.6
	54 - 400	8.8	6.8	8.1	9.5
	401 - 550	9.5	6.4	9.0	9.3
	551 - 1000	10.0	6.0	9.5	9.0
Isolation		**RF to RF**	**Data to RF**	**RF to RF**	**Data to RF**
dB Max/Min	5 - 15	20	25	20	35
	16 - 40	35	35	35	35
	54 - 400	25	25	25	30
	401 - 550	23	25	23	25
	551 - 1000	20	25	20	25
Return Loss		**In / RF**	**DATA**	**In /RF**	**DATA**
(Output/Input)	5 - 15	16/18	16	16/20	16
dB Max/Min	16 - 40	17/18	17	17/25	17
	54 - 400	18	18	18/20	18
	401 - 550	20	20	20	20
	551 - 1000	20	20	20	20

Additional Info:

Specifications

		BDPS1615VF		BDPS1915VF	
Insertion Loss	**Frequency(MHz)**	**In to RF**	**In to Data**	**In to RF**	**In to Data**
dB Max/Min	5 - 15	10.5	6.9	9.0	9.6
	16 - 40	10.5	6.9	9.0	9.6
	54 - 400	10.8	6.8	9.4	9.5
	401 - 550	11.5	6.4	9.8	9.3
	551 - 1000	12..2	6.0	10.4	9.0
Isolation		**RF to RF**	**Data to RF**	**RF to RF**	**Data to RF**
dB Max/Min	5 - 15	20	25	20	25
	16 - 40	35	35	35	35
	54 - 400	20	25	20	25
	401 - 550	20	23	20	25
	551 - 1000	20	20	20	25
Return Loss		**In / RF**	**DATA**	**In /RF**	**DATA**
(Output/Input)	5 - 15	16/20	16	20	20
dB Max/Min	16 - 40	17/25	18	20/25	25
	54 - 400	18/20	20	20	20
	401-550	20	20	20	20
	551 - 1000	20	20	20	20

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