

Description:

The Raceway Series is built to the same exacting performance standards as all of the other Amphenol Broadband digital passive products. 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.



BDC1104RW

Features & Benefits:

- Low Profile Housing
- Fits Standard 3/4 x 1 1/2 inch Raceway Conduit
- 5MHz to 1GHz Bandwidth
- F Connectors Conform to SCTE Standards
- Zinc die cast housing
- Fully soldered back ensures the best electrical performance

Applications:

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

Additional Info:

Specifications

Model Number		Broadband Digital Directional Couplers - BDC1100RW								
Coupler Value		4	6	9	12	16	20	24	27	30
Specification	Frequency (MHz)									
Insertion Loss										
dB Max/Min	5 - 15	3.7	2.1	1.4	1.0	0.7	0.7	0.7	0.7	0.7
	16 - 40	3.7	2.1	1.4	1.0	0.7	0.7	0.7	0.7	0.7
	41 - 400	3.7	2.1	1.4	1.0	0.7	0.7	0.7	0.7	0.7
	401 - 550	3.7	2.1	1.4	1.0	0.7	0.7	0.7	0.7	0.7
	551 - 750	4.0	2.5	1.9	1.4	0.8	0.8	0.8	0.8	0.8
	751 - 900	4.0	2.5	1.9	1.4	1.2	1.2	1.2	1.2	1.2
	901-1000	4.0	2.5	1.9	1.4	1.2	1.2	1.2	1.2	1.2

Isolation										
dB Max/Min	5 - 15	20	20	20	20	20	20	20	20	20
	16 - 40	30	35	35	35	35	35	35	35	35
	41 - 400	20	20	20	20	20	20	20	20	20
	401 - 550	20	20	20	20	20	20	20	20	20
	551 - 750	20	20	20	20	20	20	20	20	20
	751 - 900	20	20	20	20	20	20	20	20	20
	901-1000	20	20	20	20	20	20	20	20	20

Return Loss										
(Output/Input)	5 - 15	20	18	18	18	18	18	18	18	18
dB Max/Min	16 - 40	21	19	19	20	20	20	20	20	20
	41 - 400	21	19	19	20	20	20	20	20	20
	401 - 550	21	19	19	20	20	20	20	20	20
	551 - 750	20	18	18	18	18	18	18	18	18
	751 - 900	18	18	18	18	18	18	18	18	18
	901-1000	18	18	18	18	18	18	18	18	18

Tap Loss										
	5 - 550	4.0+/-1.0	6.5+/-1.0	9.0+/-1.0	12.0+/-1.0	16.5+/-1.0	19.7+/-1.0	23.7+/-1.0	26.7+/-1.0	29.7+/-1.0
	551-1000	4.0+/-1.0	6.5+/-1.0	9.0+/-1.0	12.0+/-1.0	16.5+/-1.0	19.7+/-1.0	23.7+/-1.0	26.7+/-1.0	29.7+/-1.0

RFI										
		130	130	130	130	130	130	130	130	130

Surge Protection										
		6kV Ring Wave Surge, IEEE C62.41 Cat A3								

Second Harmonic										
		-60dBmV, measured with a +55dBmV return input carrier								

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