

CATTEN-01R0-BNC

1dB Attenuator

BNC 50 Ohm

DC to 1 GHz



Temperature Range: -40°C to +85°C
 Rated Power: 2 Watts Max
 Frequency Range: DC to 1 GHz
 VSWR: 1:1.3 Max
 Impedance: 50 Ohms
 Attenuation Tolerance: ±0.3 dB

The Attenuator offers end users a rugged BNC attenuator housing for easy connection. The CATTEN-01R0-BNC provides 2 Watts of power dissipation. Tolerance matching is used to provide superior temperature tracking to individual components. Attenuator frequency range is from DC to 1 GHz.

Product Control:

Crystek Part Number:	CATTEN-01R0-BNC	Release Date:	02-Feb-2016
Revision Level:	D	Responsible:	K. Piotrowicz

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BNC 50 Ohm



DC to 1 GHz

Part Number	Attenuation (dB)	Max Power (Watts)
CATTEN-01R0-BNC	1.0	2
CATTEN-01R5-BNC	1.5	2
CATTEN-02R0-BNC	2.0	2
CATTEN-03R0-BNC	3.0	2
CATTEN-04R0-BNC	4.0	2
CATTEN-05R0-BNC	5.0	2
CATTEN-06R0-BNC	6.0	2
CATTEN-07R0-BNC	7.0	2
CATTEN-08R0-BNC	8.0	2
CATTEN-09R0-BNC	9.0	2
CATTEN-0100-BNC	10.0	2
CATTEN-0150-BNC	15.0	2
CATTEN-0200-BNC	20.0	2

1 dB Data		Return Loss (dB)
Freq. (MHz)	Atten (dB)	
0.3	1.0	44.2
5.3	1.0	44.9
40.3	1.0	42.0
70.3	1.0	44.5
90.3	1.0	49.8
100.3	1.0	55.1
110.3	1.0	57.2
160.3	1.0	41.3
200.2	1.0	38.3
250.2	1.1	33.8
300.2	1.1	31.4
350.2	1.1	32.9
400.2	1.1	37.4
450.2	1.1	41.2
500.2	1.1	32.8
550.1	1.1	28.3
600.1	1.2	25.3
650.1	1.2	24.1
700.1	1.2	26.3
800.1	1.2	30.8
900.0	1.2	20.6
1000.0	1.3	23.5



Rev D

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