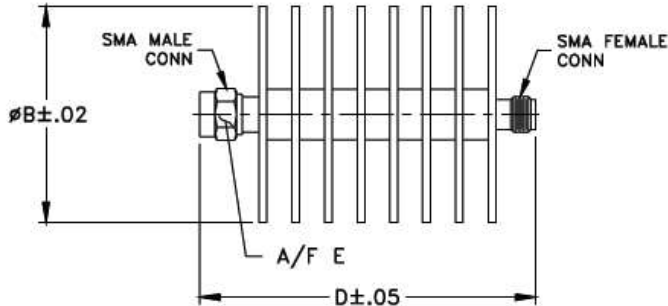


BW S3 SMA-Daempfungsglied / SMA-attenuator
50 Ω 20 W 3 dB DC-18 GHz
 Artikel Nr. / Part-no.: 5098

Outline Drawing



CASE STYLE: DC1660

Connectors	Model
SMA-F SMA-M	BW-S3W20+

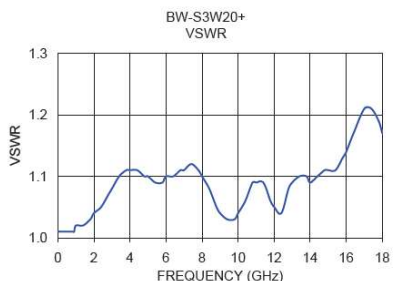
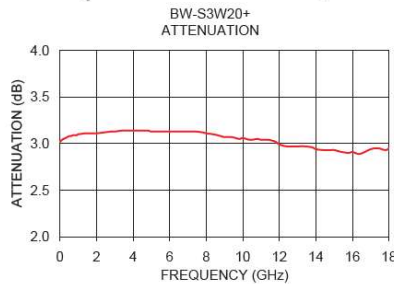
Mechanische Eigenschaften / Mechanical specifications:

Betriebstemperaturbereich / Operating temperature range	-55 / +100°C (85°C with output into open or short.)
Lagertemperaturbereich / Storage temperature range	- 55 / +100°C
Steckverbinder / Connectors	N-Typ / N Type
RoHs konform / RoHs compliant	Ja / Yes

Elektrische Eigenschaften bei 25 °C / Electrical specifications at 25 °C:

Parameter	Condition (GHz)	Min.	Typ.	Max.	Unit
Frequency Range		DC	—	18	GHz
Attenuation	DC - 18	—	3	—	dB
	DC - 12.4	2.5	—	3.5	
	12.4 - 18	2.25	—	3.75	
VSWR	DC - 6	—	—	1.3	:1
	6 - 12.4	—	—	1.3	
	12.4 - 18	—	—	1.4	
Input Power ¹	DC - 18	—	—	20	W

1. Max. power at 25°C ambient, derate linearly to 4W at 100°C. Peak power 500W max. 5µsec. pulse width, 100Hz PRF.



Typical Performance Data

Frequency (GHz)	Attenuation (dB)	VSWR (:1)
0.01	3.02	1.01
2.0	3.11	1.04
4.0	3.14	1.11
6.0	3.13	1.10
8.0	3.11	1.10
10.0	3.06	1.04
12.4	2.97	1.04
14.0	2.94	1.09
16.0	2.91	1.14
18.0	2.95	1.17