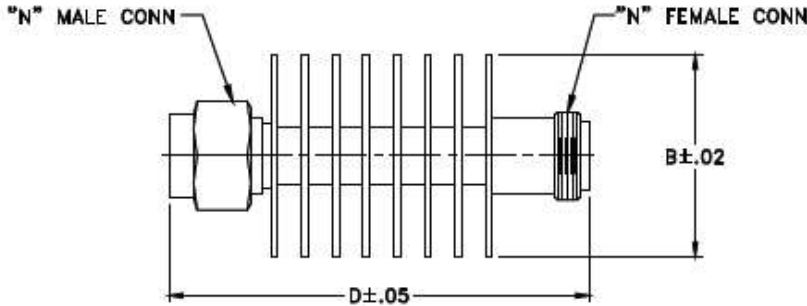


**BW N3W20+ N-Daempfungsglied / N-attenuator**  
**50 Ω 20 W 3 dB DC-18 GHz**  
 Artikel Nr. / Part-no.: 5099

**Outline Drawing**



CASE STYLE: DC1645

Connectors	Model
N-Female N-Male	BW-N3W20+

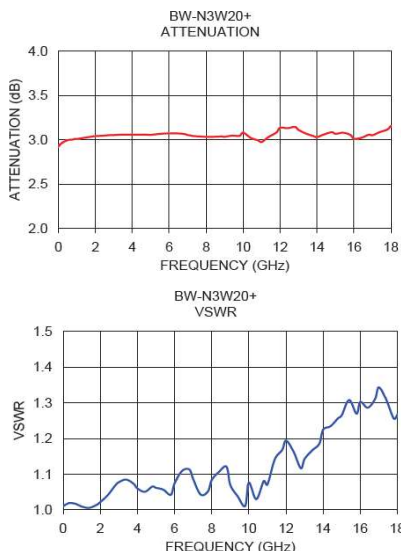
**Mechanische Eigenschaften / Mechanical specifications:**

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
<b>Frequency Range</b>		DC	—	18	GHz
<b>Attenuation</b>	DC - 18	—	3	—	dB
	DC - 12.4	2.5	—	3.5	
	12.4 - 18	2.25	—	3.75	
<b>VSWR</b>	DC - 6	—	—	1.3	:1
	6 - 12.4	—	—	1.3	
	12.4 - 18	—	—	1.4	
<b>Input Power<sup>1</sup></b>	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	2.92	1.01
2.0	3.04	1.02
4.0	3.06	1.06
6.0	3.07	1.07
8.0	3.03	1.08
10.0	3.08	1.08
12.4	3.13	1.16
14.0	3.03	1.22
16.0	3.01	1.30
18.0	3.16	1.27