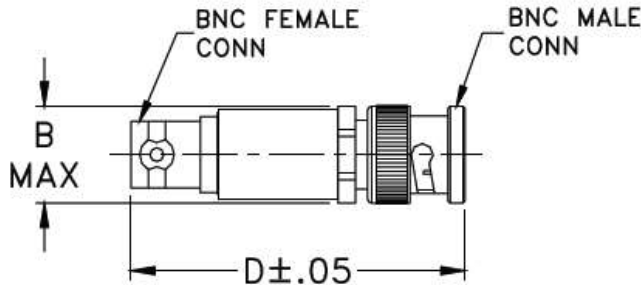


**HAT 20 BNC-Daempfungsglied / BNC-attenuator**  
**50 Ω 0.5 W 20 dB DC-2000 MHz**  
**Artikel Nr. / Part-no.: 5103**

**Outline Drawing**



CASE STYLE: FF747

Connectors	Model
BNC Male-BNC Female	HAT-20+

**Mechanische Eigenschaften / Mechanical specifications:**

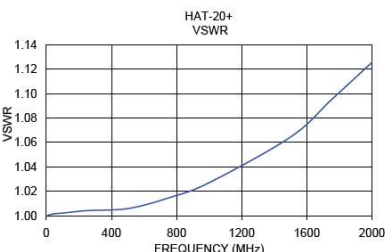
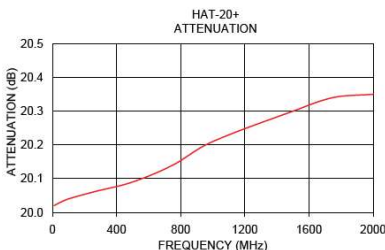
Betriebstemperaturbereich / Operating temperature range	-45 / +100°C
Lagertemperaturbereich / Storage temperature range	- 55 / +100°C
Steckverbinder / Connectors	BNC-Typ / BNC Type
RoHs konform / RoHs compliant	Ja / Yes

**Elektrische Eigenschaften / Electrical specifications:**

FREQ. RANGE (MHz)	ATTENUATION (dB) Flatness*					VSWR (:1)			MAX. INPUT POWER (W)
	DC-0.5 GHz	DC-1 GHz	DC-2 GHz	Total Band	DC-0.5 GHz	DC-1 GHz	DC-2 GHz		
$f_L - f_U$	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Typ.		
DC-2000	20±0.2	0.05	0.15	0.25	0.40	1.05	1.10	1.15	0.5

\* Flatness = variation over band divided by 2.

**Typical Performance Data**



Frequency (MHz)	Attenuation (dB)	VSWR (:1)
10.00	20.02	1.00
50.00	20.03	1.00
100.00	20.04	1.00
250.00	20.06	1.00
500.00	20.09	1.01
750.00	20.14	1.01
1000.00	20.21	1.03
1500.00	20.30	1.06
1750.00	20.34	1.09
2000.00	20.35	1.13