

# Chamber Test Series

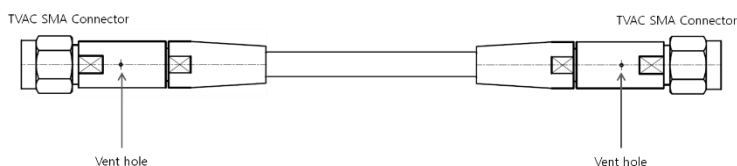
## GUL200 TVAC

### for Thermal Vacuum Test

www.gigalane.com

#### ► Features and benefits

- Frequency ranges from DC to 27 GHz
- Vented connector for pressure Equalization
- High Flexibility and Durability
- Excellent insertion/return loss
- Cost-efficient
- Application: Space, Thermal vacuum Chamber, Satellites



#### ► Cable Specification

<b>Electrical Specification</b>	<b>Characteristic Impedance</b>	50 ± 1Ω
	<b>Operating Frequency</b>	DC to 27 GHz
	<b>Velocity of Propagation</b>	84 %
	<b>Time delay</b>	4.0 ns/m
	<b>RF leakage</b>	> 90 dB
	<b>Phase stability vs. flexure</b>	<0.4° / 360° / GHz
	<b>IL stability vs. flexure (dB @minimum BR)</b>	± 0.3
	<b>Certification</b>	ECSS-Q-ST-70-01 Compliance

<b>Mechanical &amp; Environmental Specification</b>	<b>Minimum bend radius</b>	25 mm
	<b>Operating Temperature</b>	- 30 ~ +125 °C
	<b>Diameter (Jacket)</b>	5.20 ± 0.15 mm
	<b>Assembly notice</b>	No shrink tube / No marking tube

<b>Maximum Attenuation</b>	<b>Frequency [GHz]</b>	<b>Insertion Loss [dB/M]</b>
	<b>1.000</b>	0.23
	<b>6.000</b>	0.58
	<b>10.000</b>	0.75
	<b>18.000</b>	1.05
	<b>27.000</b>	1.37

#### ► Suitable Connector

<b>Suitable Connectors</b>	<b>SMA</b>	G06SMC098
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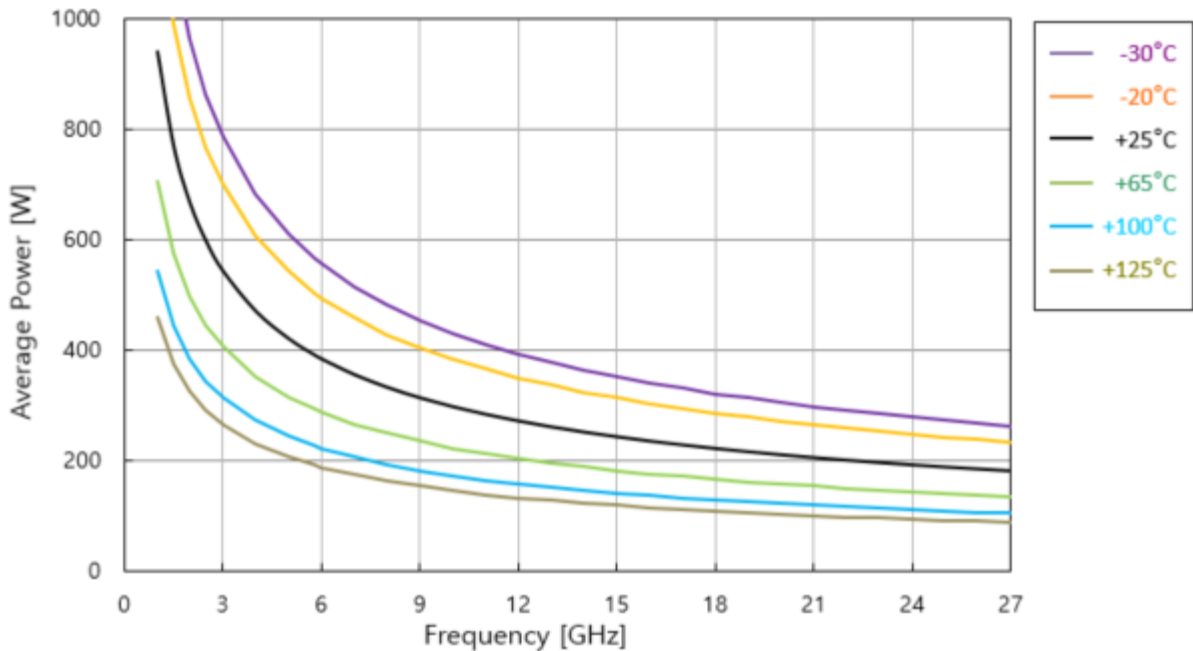
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#### ► Power derating curve with temperature



#### ► Power derating curve with altitude

