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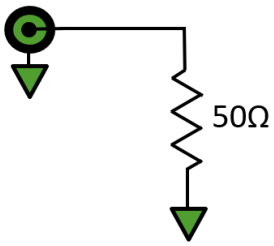
HL8818 Termination (DC to 145 GHz)

Features and Technical Specifications

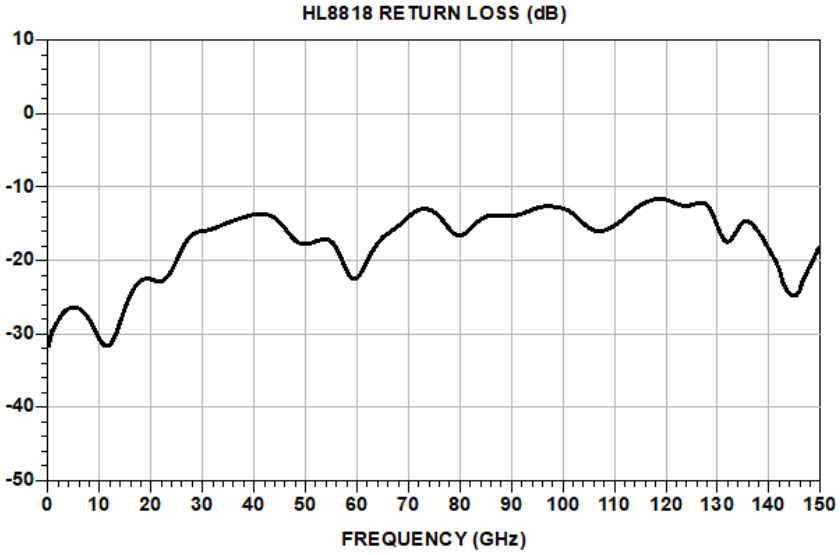
Bandwidth	DC to 145 GHz
Return Loss	< 10 dB, DC < f ≤ 145 GHz See *figure below*
Input Power	20 dBm (24 dBm max)[2]
Rise Time (10-90%)	2.4 ps
Connectors	0.8 mm, jack/female (opt. -J)
Dimensions (L x W x H)	0.563” x 0.375” x 0.375” 14.3 x 9.52 x 9.52 mm
Weight	2.8 g
Temperature Limits	-40° to +50° C, case
RoHS Compliant	Yes, assembled with lead-free solder
REACH Compliant	Yes
Warranty	1 year, see website



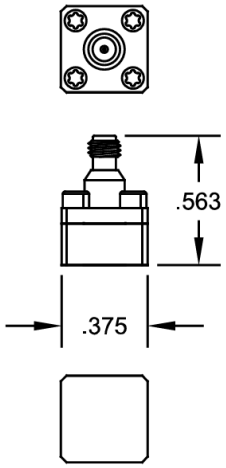
HL8818, opt. -J



HL8818 Schematic and Port Assignment



Typical HL8818 Return Loss



HL8818 Mechnical Drawing

PRODUCT SUMMARY

The HL8818 is an ultra-broadband 50 Ω load termination with a bandwidth over 145 GHz.

These devices are typically used to provide a matched (dummy) load on an unused port to prevent unwanted reflections.

Typical Applications:

- 5G Wireless
- Test & Measurement
- Radar Systems
- Military and Aerospace

MODELS & OPTIONS

The following models are available:

HL8818, 145 GHz

The following option is available:

-J, jack/female