

HL809x Series 1.0 mm Coaxial Adapters (up to 110 GHz)

Features and Technical Specifications

PRODUCT SUMMARY

The HL809x Series are in-line coaxial adapters used for changing the gender of 1.0 mm (W) connectors used for cables and microwave components.

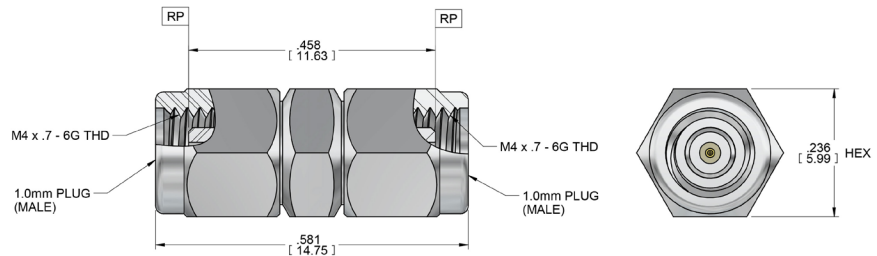
Typical use is to adapt passive and active ultra-broadband components to meet particular cable requirements in a lab environment.

MODELS

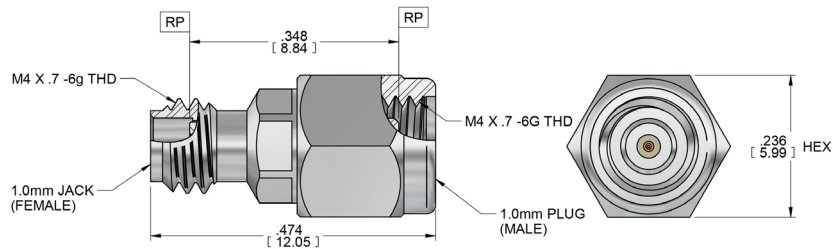
The following models are available:

- HL8091**, M - M
- HL8092**, F - M
- HL8093**, F - F

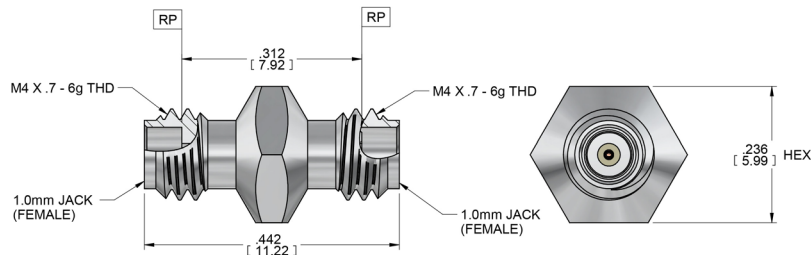
Parameter	HL8091	HL8092	HL8093
Connector Gender	Male - Male	Female - Male	Female - Female
Frequency	DC to 110 GHz		
Insertion Loss	< 0.4 dB	< 0.3 dB	< 0.2 dB
Return Loss	> 18 dB	> 18 dB	> 18 dB
Construction	Housing: Stainless Steel, Passivated Contact: Beryllium Copper (BeCu) Gold-plated per MIL-G-45204 Center Contact Capture: Ultem 1000 per ASTM D5205		
Dimensions (W x H x L)	0.236" x 0.236" x 0.581" 5.99 x 5.99 x 14.75 mm	0.236" x 0.236" x 0.474" 5.99 x 5.99 x 12.05 mm	0.236" x 0.236" x 0.442" 5.99 x 5.99 x 11.22 mm
Temperature Rating	-55° to +165° C		



HL8091 Male - Male Adapter



HL8092 Female - Male Adapter



HL8093 Female - Female Adapter