

Features

- High Power
- Models 1.72 GHz to 67 GHz
- Low VSWR
- Low Insertion loss
- Connector options include:
 - 7-16 DIN
 - Type N
 - 2.92mm (K-Type)
 - ® 1.85mm (V-Type)
- Low Outgassing option (TML/RML<1% CVCM<0.1%)
- Grounded center conductor
- Precision Air Line connector
- All metal construction (no dielectric support bead)



Model 09A097-DF10

The Flann Series 097 Waveguide to Coaxial Adapters have been designed and constructed to give continuous metal paths to minimise heat build up.

Standard connector types include:
7-16 DIN, Type N, K Connector and ® 1.85mm (V-Type)

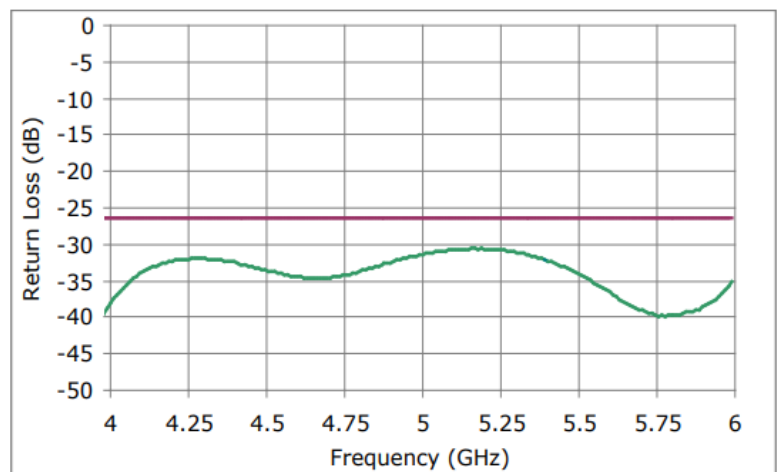
For Low PIM Models please see Series 098

Related Products

- Series 377/378: High Power/Low PIM End Launch Adapters
- Series 098: Low PIM Right Angle Adapters
- Series 101: High Power Terminations

Custom Design

Custom built instruments can be supplied. Please contact the Sales Team for more information sales@flann.com



Typical Return Loss for Model 12097-NF10



Specifications

Connector	7-16 DIN (16.05MM)			N Type (7.0mm)			K Type (2.92mm)			V Type (1.85mm)		
WG	VSWR	IL	POWER	VSWR	IL	POWER	VSWR	IL	POWER	VSWR	IL	POWER
		(dB)	(kW)		(dB)	(kW)		(dB)	(kW)		(dB)	(kW)
6	1.10	0.02	3.2	1.10	0.05	1.40						
8	1.10	0.03	2.6	1.10	0.05	1.10						
9A	1.10	0.04	2.3	1.10	0.05	1.00						
10	1.10	0.05	2.1	1.10	0.07	0.90						
11A	1.10	0.10	1.9	1.10	0.10	0.80						
12	1.10	0.10	1.7	1.10	0.10	0.75						
13				1.10	0.10	0.70						
14				1.10	0.10	0.60	1.12	0.05	0.110			
15				1.10	0.10	0.55	1.12	0.06	0.100			
16				1.10	0.12	0.50	1.12	0.07	0.090			
17				1.10	0.15	0.45	1.12	0.08	0.080			
18				1.12	0.15	0.40	1.12	0.10	0.075			
19							1.17	0.12	0.065			
20							1.17	0.15	0.060			
21							1.20	0.17	0.055			
22							1.20	0.20	0.050			
23										1.30	0.35	0.035
24										1.30	0.45	0.032
25										1.30	0.50	0.030
Construction	Aluminium + Silver Plate			Aluminium + Silver Plate			Brass + Silver Plate			Brass + Silver Plate		

Examples of models available

Ordering Information

Model	Series	-	Coax Connector	Gender	XX	Flange
WG08 – WG25	097		D, N, K, & V	F (Female) or M (Male)	D&N = 10 K = 20	See flann.com

Example: 17097-NF10 UBR120 A WG17 (WR75) High Power Waveguide to Coax Adapter with N-type female coax connector with UBR120 flange

Environmental Specification

Ambient operating temperature range:	-30 to 70 °C
Non-operating ambient temperature range:	-40 to 80 °C
TML (Total Mass Loss)	<1% For outgassing option
CVCM (Collected Volatile Condensable Mass)	<0.1% For outgassing option