



FLANN MICROWAVE

End Launch Adapter

Series 373

Features

- Models 2.6 GHz to 173 GHz
- Low VSWR
- Low Insertion Loss
- Compact Design
- Air Line Coax Construction
- Connector types include:
 - 7-16 DIN
 - Type N
 - K Connector® (2.92 mm)
 - V Connector® (1.85 mm)
 - W1 Connector® (1.00 mm)
 - 0.8 mm



Model: 16373-NF10

Flann End Launch Adapters offer high performance over the full waveguide band. The Flann design is very compact: in fact, we believe it to be the shortest unit of its type currently available.

Models up to WG19 (WR51) are constructed in aluminium with chromate passivation to the internal surfaces and flange face.

Models WG20 (WR42) to WG29 (WR6) are constructed in brass with gold plate surface treatment. Connectors are stainless steel for all models.

All models use a precision air line connector for enhanced repeatability.

NB: All models are designed to provide optimum performance when connected to 'standard' rectangular waveguide.

Related Products

Series 377/378: High Power/Low PIM End Launch Adapters

Series 097/098: High Power/Low PIM Right Angle Adapters

Custom Design

Custom built instruments can be supplied; please contact the sales team for more information.

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**Specifications**

Waveguide			Frequency (GHz)	Coaxial Connector Options						VSWR (better than)
WG	R	WR		7 – 16 DIN	N	K 2.92 mm	V 1.85 mm	W 1.00 mm	0.8 mm	
8	22	430	1.72 – 2.61	.						1.1
9A	26	340	2.17 – 3.30	.						
10	32	284	2.60 – 3.95	.	.	.				
11A	40	229	3.22 – 4.90	.	.	.				
12	48	187	3.94 – 5.99	.	.	.				
13	58	159	4.64 – 7.05	.	.	.				
14	70	137	5.38 – 8.18		.	.				1.12
15	84	112	6.58 – 10.0		.	.				
16	100	90	8.20 – 12.5		.	.				
17	120	75	9.84 – 15.0		.	.				
18	140	62	11.9 – 18.0		.	.				
19	180	51	14.5 – 22.0		.	.				1.15
20	220	42	17.6 – 26.7			.	.			
21	260	34	21.7 – 33.0			.	.			
22	320	28	26.4 – 40.1			.	.			
23	400	22	33.0 – 50.1				.			1.20
24	500	19	39.3 – 59.7				.			1.25
25	620	15	49.9 – 75.8				.	.	.	1.40
26	740	12	60.5 – 92.0					.	.	
27	900	10	73.8 – 112					.	.	
28	1200	8	92.3 – 140						.	
29	1400	6	114 – 173						.	1.5

Options

- Gold or silver plating available on request

K Connector®, V Connector® & W1 Connector® are registered trademarks of the Anritsu Company.

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Ordering

Please specify the following:

WG	Series	-	Coax Connector	Gender	XX	Flange
WG08 - WG29	373		N, K, V, W, D	F (Female) or M (Male)	AP = 70 D & N = 10 K = 40 V, W & F = 60	See flann.com

Example: WG22 (WR28) End Launch Adapter with 1.85 mm male coax connector and UG-383/U flange.

Connector Types

Connector Type	Flann Designation
7-16 DIN	D
Type N	N
K Connector® (2.92 mm)	K
V Connector® (1.85 mm)	V
W1 Connector® (1.00 mm)	W
0.8 mm	F