

Waveguide to APC7 Coax Adaptors Series 093-AP

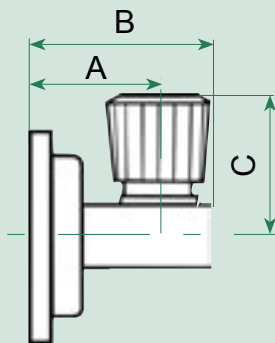
Features

- **Full Band & Narrow Band Models Available**
- **Manufactured from Brass or *Aluminium**

The Flann Series 093-AP Waveguide to Coax Adaptors are fitted with a precision APC7 hermaphroditic connector.



Model 18093-AP70



ORDERING INFORMATION

Model: frequency band suffix;

Description

Example: Model 16093-AP75

Waveguide to APC7 coax adaptor

(Frequency Range 11.40 to 12.00 GHz, VSWR 1.05 max)

If the adaptor is required to be manufactured in aluminium please suffix the order information with \AL
Example: Model 16093-AP75\AL

*Note The dimensions of aluminium adaptors may vary from those manufactured in brass.

Series 093-AP

Models are available for both full waveguide band operation and also for limited band applications where much improved VSWR performance is offered.

The following tables indicate a wide choice of adaptor specification. Alternative requirements can be accommodated provided the customer submits full details of the specification required.

Model	Frequency Range (GHz)	Waveguide			Maximum	*Dimensions (Brass)			Weight (kg) Brass
		WG	R	WR		A	B	C	
06093-AP70	1.140 - 1.730	6	14	650	1.10	104	153	75	3.30
06093-AP71	1.200 - 1.560				1.05				
06093-AP72	1.215 - 1.365				1.05				
08093-AP70	1.720 - 2.610	8	22	430	1.15	112	150	62	2.10
08093-AP71	1.750 - 1.950				1.05				
09A093-AP70	2.170 - 3.300	9A	26		340	1.10	Details on Request		
10093-AP70	2.600 - 3.950	10	32	284	1.10	60	87	52	1.30
10093-AP72	2.900 - 3.100				1.03				
10093-AP73	2.400 - 2.600				1.05				
11A093-AP70	3.300 - 4.900	11A	40	229	1.10	46	65	48	0.60
11A093-AP71	3.700 - 4.200				1.05				
12093-AP70	3.940 - 5.990	12	48	187	1.10	44	62	38	0.60
12093-AP71	5.450 - 5.650				1.05				
12093-AP72	5.200 - 5.400				1.05				
13093-AP70	4.640 - 7.050	13	58	159	1.10	52	69	44	0.50
13093-AP71	5.500 - 6.000				1.05				
13093-AP72	5.000 - 5.100				1.05				
14093-AP70	5.380 - 8.180	14	70	137	1.10	35	50	42	0.40
15093-AP70	6.580 - 10.000	15	84	112	1.10	35	49	42	0.18
15093-AP71	7.100 - 7.500				1.05				
15093-AP72	7.500 - 7.900				1.05				
15093-AP73	7.500 - 9.000				1.07				
16093-AP70	8.200 - 12.500	16	100	90	1.10	54	65	40	0.13
16093-AP71	8.600 - 9.400				1.05				
16093-AP72	9.700 - 10.400				1.05				
16093-AP73	10.600 - 11.400				1.05				
16093-AP74	10.900 - 11.700				1.05				
16093-AP75	11.400 - 12.000				1.05				
17093-AP70	9.840 - 15.000	17	120	75	1.10	42	52	39	0.10
17093-AP71	11.700 - 14.500				1.07				
18093-AP70	11.900 - 18.000	18	140	62	1.10	42	51	39	0.08
18093-AP71	14.000 - 14.500				1.03				
18093-AP72	15.500 - 17.500				1.07				
18093-AP73	14.500 - 16.500				1.07				
18093-AP74	17.300 - 18.100				1.10				
18093-AP75	16.300 - 16.700				1.05				
18093-AP76	13.000 - 14.500				1.10				

Alternative narrowband units can generally be accommodated, details on request.

For standard flange types and recommendations see pages 108 onwards

Waveguide to APC7 Coax Adaptors

Series 096-AP

Features

- **VSWR better than 1.05**
- **Full Waveguide Band Coverage**
- **7 mm Precision (APC) Connector**
- **Manufactured from Brass or *Aluminium**

The Series 096-AP Waveguide to Coax Adaptors offer a very low VSWR over full waveguide bands up to 18 GHz. The units are fitted with a precision 7 mm (APC7) connector for repeatable connection.



Model 11A096-AP70

Model	Waveguide			Frequency Range (GHz)	VSWR (better than)	*Dimensions (Brass)			Model
	WG	R	WR			A	B	C	
06096-AP70	6	14	650	1.140 - 1.730	1.05	105.8	151.0	75.8	06096-AP70
08096-AP70	8	22	430	1.720 - 2.610	1.05	111.81	48.5	61.8	08096-AP70
10096-AP70	10	32	284	2.600 - 3.950	1.05	59.35	85.5	51.51	10096-AP70
11A096-AP70	11A	40	229	3.300 - 4.900	1.05	45.75	66.0	47.63	11A096-AP70
12096-AP70	12	48	187	3.940 - 5.990	1.05	62.70	81.5	41.7	12096-AP70
13096-AP70	13	58	159	4.640 - 7.050	1.05	51.75	68.5	44.1	13096-AP70
14096-AP70	14	70	137	5.380 - 8.180	1.05	55.85	71.0	41.90	14096-AP70
15096-AP70	15	84	112	6.580 - 10.000	1.05	45.5	58.0	40.31	15096-AP70
16096-AP70	16	100	90	8.200 - 12.500	1.05	54.0	64.0	39.1	16096-AP70
17096-AP70	17	120	75	9.840 - 15.000	1.07	42.2	52.0	38.75	17096-AP70
18096-AP70	18	140	62	11.900 - 18.000	1.07	47.15	56.46	38.46	18096-AP70

ORDERING INFORMATION

Model: Description

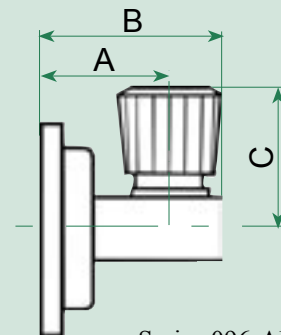
Example: Model 16096-APC70 Waveguide to APC7 coax adaptor

Please note: Narrowband options are not available for this series of Waveguide to Coax Adaptors.

If the adaptor is required to be manufactured in aluminium please suffix the order information with \AL

Example: Model 16096-APC70\AL

*Note The dimensions of aluminium adaptors may vary from those manufactured in brass.



Series 096-AP

For standard flange types and recommendations see pages 108 onwards