

Waveguide to APC7 Coax Adaptors Series 093-AP

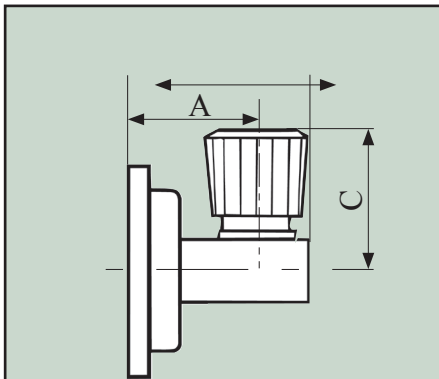
Features

- **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 GHz 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			VSWR (better than)	*Dimensions (Brass)			Weight (kg) [Brass]
		WG	R	WR		A	B	C	
06093-AP70	1.14 - 1.73	6	14	650	1.10	105.8	151.0	75.8	3.30
06093-AP71	1.2 - 1.56	6	14	650	1.05	105.8	151.0	75.8	3.30
06093-AP72	1.215 - 1.365	6	14	650	1.05	105.8	151.0	75.8	3.30
08093-AP70	1.72 - 2.61	8	22	430	1.15	111.8	150.0	61.8	2.10
08093-AP71	1.75 - 1.95	8	22	430	1.05	111.8	150.0	61.8	2.10
09A093-AP70	2.17 - 3.3	9A	26	340	1.10	Details on Request			
10093-AP70	2.6 - 3.95	10	32	284	1.10	59.4	85.5	51.5	1.30
10093-AP72	2.9 - 3.1	10	32	284	1.03	59.4	85.5	51.5	1.30
10093-AP73	2.4 - 2.6	10	32	284	1.05	59.4	85.5	51.5	1.30
11A093-AP70	3.3 - 4.9	11A	40	229	1.10	45.8	65.0	47.6	0.60
11A093-AP71	3.7 - 4.2	11A	40	229	1.05	45.8	65.0	47.6	0.60
12093-AP70	3.94 - 5.99	12	48	187	1.10	44.0	62.0	38.0	0.60
12093-AP71	5.45 - 5.65	12	48	187	1.05	44.0	62.0	38.0	0.60
12093-AP72	5.2 - 5.4	12	48	187	1.05	44.0	62.0	38.0	0.60
13093-AP70	4.64 - 7.05	13	58	159	1.10	51.8	68.5	44.1	0.50
13093-AP71	5.5 - 6.0	13	58	159	1.05	51.8	68.5	44.1	0.50
13093-AP72	5.0 - 5.1	13	58	159	1.05	51.8	68.5	44.1	0.50
14093-AP70	5.38 - 8.18	14	70	137	1.10	34.9	50.0	41.9	0.40
15093-AP70	6.58 - 10.0	15	84	112	1.10	45.5	58.0	40.3	0.18
15093-AP71	7.1 - 7.5	15	84	112	1.05	45.5	58.0	40.3	0.18
15093-AP72	7.5 - 7.9	15	84	112	1.05	45.5	58.0	40.3	0.18
15093-AP73	7.5 - 9.0	15	84	112	1.07	45.5	58.0	40.3	0.18
16093-AP70	8.2 - 12.5	16	100	90	1.10	54.0	64.0	39.1	0.13
16093-AP71	8.6 - 9.4	16	100	90	1.05	54.0	64.0	39.1	0.13
16093-AP72	9.7 - 10.4	16	100	90	1.05	54.0	64.0	39.1	0.13
16093-AP73	10.6 - 11.4	16	100	90	1.05	54.0	64.0	39.1	0.13
16093-AP74	10.9 - 11.7	16	100	90	1.05	54.0	64.0	39.1	0.13
16093-AP75	11.4 - 12.0	16	100	90	1.05	54.0	64.0	39.1	0.13
17093-AP70	9.84 - 15.0	17	120	75	1.10	42.2	52.0	38.8	0.10
17093-AP71	11.7 - 14.5	17	120	75	1.07	42.2	52.0	38.8	0.10
18093-AP70	11.9 - 18.0	18	140	62	1.10	47.2	56	38.4	0.08
18093-AP71	14.0 - 14.5	18	140	62	1.03	47.2	56	38.4	0.08
18093-AP72	15.5 - 17.5	18	140	62	1.07	47.2	56	38.4	0.08
18093-AP73	14.5 - 16.5	18	140	62	1.07	47.2	56	38.4	0.08
18093-AP74	17.3 - 18.1	18	140	62	1.10	47.2	56	38.4	0.08
18093-AP75	16.3 - 16.7	18	140	62	1.05	47.2	56	38.4	0.08
18093-AP76	13.0 - 14.5	18	140	62	1.10	47.2	56	38.4	0.08

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

For standard flange types and recommendations see pages 118 onwards