

Broadband Waveguide to Coax N Type Adaptors

Series 093 / 094

Features

- **Very Low VSWR**
- **Full Waveguide Band Models**
- **Manufactured from Brass or *Aluminium**

The series 093/094-NF broadband Waveguide to Coax Adaptors offer enhanced VSWR performance over the full waveguide frequency band. Models in WG14 to WG18 feature an improved mechanical design offering greater durability and reliability whilst maintaining existing high performance specifications. Minor dimensional changes may be incorporated from time to time; please contact our Sales Office for latest information if the space available is limited.

The adaptors are fitted with Type N Female connectors as standard; adaptors fitted with type N male connectors are available to special order, please contact our sales office for further details.

Narrowband models covering typically 20% of the full waveguide band with a VSWR of 1.05 are also available.

Specifications: Broadband waveguide to type N coax adaptors



Model 11A094-NF10

Model	Frequency	Waveguide			VSWR	*Dimensions (Brass)			Weight	Model
	Range(GHz)	WG	R	WR	(max)	A	B	C	kgs (Brass)	
06093-NF10	1.140 - 1.730	6	14	650	1.20	108.2	169.5	65.5	3.95	06093-NF10
08093-NF10	1.720 - 2.610	8	22	430	1.20	61.4	107.5	25.8	2.1	08093-NF10
09A093-NF10	2.170 - 3.300	9A	26	340	1.20	64.0	98.4	45.8		09A093-NF10
10094-NF10	2.600 - 3.950	10	32	284	1.15	66.6	89.5	41.2		10094-NF10
11A094-NF10	3.300 - 4.900	11A	40	229	1.15	50.9	74.0	38.4	0.675	11A094-NF10
12094-NF10	3.940 - 5.990	12	48	187	1.14	49.5	66.5	36.4	0.63	12094-NF10
13094-NF10	4.640 - 7.050	13	58	159	1.13	50.9	66.0	33.8		13094-NF10
14094-NF10	5.380 - 8.180	14	70	137	1.10	42.8	65.0	33.2	0.375	14094-NF10
15094-NF10	6.580 - 10.00	15	84	112	1.12	45.8	59.9	31.6	0.3	15094-NF10
16094-NF10	8.20 - 12.50	16	100	90	1.12	29.3	42.0	28.6		16094-NF10
17094-NF10	9.840 - 15.00	17	120	75	1.12	42.2	52.0	44.2		17094-NF10
18094-NF10	11.90 - 18.00	18	40	62	1.12	47.15	56.0	44.0		18094-NF10

ORDERING INFORMATION

Model: Description

Example: Model 14094-NF10 Broadband waveguide to type N female coax adaptor

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

Example: Model 14094-NF10\AL

*Note 1 The dimensions of aluminium adaptors may vary from those manufactured in brass.

Note 2 Models with suffix NF10 are broadband units. Please see page 50 for narrowband models.

Series 094-NF

For standard flange types and recommendations see pages 108 onwards