

Part Number = 121 - X - X - X - X - X - X - X

Series No. \_\_\_\_\_  
 Waveguide Size \_\_\_\_\_  
 Port 1 Connector Style \_\_\_\_\_  
 Port 1 Connector Type \_\_\_\_\_  
 Flange 1 \_\_\_\_\_  
 Flange Mounting \_\_\_\_\_  
 Band of Interest \_\_\_\_\_  
 Hardware \_\_\_\_\_

**Flange Configuration**

Flange Type	C - Cover G - Groove CHOKE CMR CPR CPR (F,G)
Flange Mounting Holes	T1 - Through Holes T2 - Threaded A - Alternating

STANDARD FINISH: is electroless corrosion protection for the metal surface. Non standard configurations and finishes (Silver, Nickel, Cadmium plating) are available upon request. Waveguide sizes up to WR-650 available. Contact our sales department with your requirements.

### Specifications

Series No. and Size	Frequency (GHz)	Dimensions (inches) A			
		SMA-type		N-type	
		A	B	A	B
121 - WR28	26.50 - 40.00	-	-	-	-
121 - WR34	22.00 - 33.00	-	-	-	-
121 - WR42	18.00 - 26.00	1.00	0.75	-	-
121 - WR51	15.00 - 22.00	1.12	0.82	-	-
121 - WR62	12.40 - 18.00	1.01	0.79	1.67	1.42
121 - WR75	10.00 - 15.00	1.01	0.65	1.38	1.09
121 - WR90	8.20 - 12.40	1.07	0.72	1.65	1.24
121 - WR112	7.05 - 10.00	1.42	1.03	1.88	1.45
121 - WR137	5.85 - 8.20	1.57	1.03	2.13	1.61
121 - WR159	4.09 - 7.05	2.00	1.40	2.38	1.76
121 - WR187	3.95 - 5.85	3.50	2.80	2.41	1.65
121 - WR229	3.30 - 4.90	3.50	2.70	2.41	1.47
121 - WR284	2.60 - 3.95	4.00	2.70	2.66	1.46
121 - WR340	2.20 - 3.30	-	-	3.52	2.12
121 - WR430	1.70 - 2.60	-	-	4.50	2.62



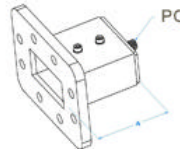
### Electrical Specifications

VSWR	1.10 (typ)
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Please view these [examples](#) to help you generate a desired waveguide's part number, or simply contact our [sales department](#). We will be pleased to assist you with your order.

### End Launch Adaptor (Waveguide to Coax) Series 121E

#### Ordering Information



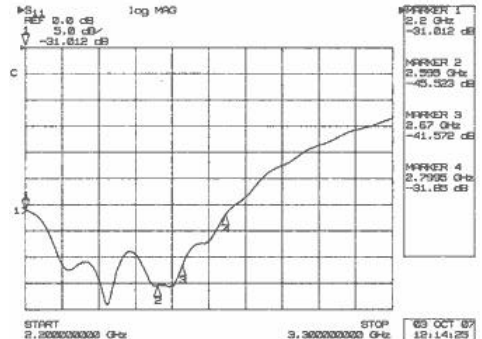
Part Number = 121E - X - X - X - X - X - X - X

Series No. \_\_\_\_\_  
 Waveguide Size \_\_\_\_\_  
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 Port 1 Connector Type \_\_\_\_\_  
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 Flange Mounting \_\_\_\_\_  
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#### Specification Examples

Adapter Model	Coaxial Connector	Operation Frequency Range	Return Loss	Note
121E - 28 - 2.4 - F - C - T1	2.4mm	27.5 - 31 GHz	>24 dB	30% of WR28 full range
121E - 42 - 2.4 - F - C - T1	2.4mm	18.5 - 23.5 GHz	>28 dB	60% of WR42 full range
121E - 42 - SMA - F - C - T1	SMA (F)	18 - 26.5 GHz	>21 dB	WR42 full range
121E - 51 - SMA - F - C - T1	SMA (F)	15 - 22 GHz	>21 dB	WR51 full range
121E - 159 - SMA - F - CPR - T1	SMA (F)	4.9 - 7 GHz	>24.5 dB	WR159 full range
121E - 187 - SMA - F - CPR - T1	SMA (F)	3.95 - 5.85 GHz	>25 dB	WR187 full range
121E - 340 - 7/8 - CPR - T1	7/8 EIA	2.2 - 2.8 GHz	>31 dB	55% of WR340 full range

**Note:** Other waveguide sizes are available

WR340 to 7/8 EIA End Launch Adapter

...closing the gap