

Engineering Development Model

Low Pass Filter Coaxial

ZLP-EDU2072+

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



H795-4

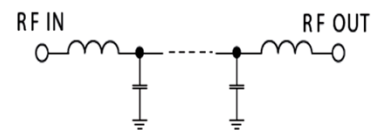
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 3.5 dB)	6000	-	9000	MHz
Insertion loss 3dBc	-	9750	-	MHz
Stop Band (25 dB Typ.)	10800	-	-	MHz
(15 dB Typ.)	10800	-	17000	MHz
Passband VSWR	-	1.92	-	(:1)
Stopband VSWR	-	17	-	(:1)

Functional Schematic

MAXIMUM RATINGS

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input	7W



PIN CONNECTIONS

Input	N-Male
Output	N-Female

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
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IF/RF MICROWAVE COMPONENTS

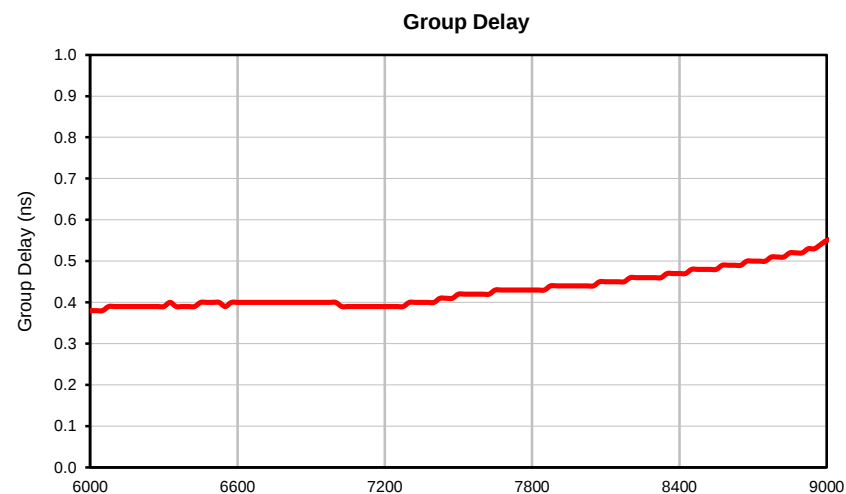
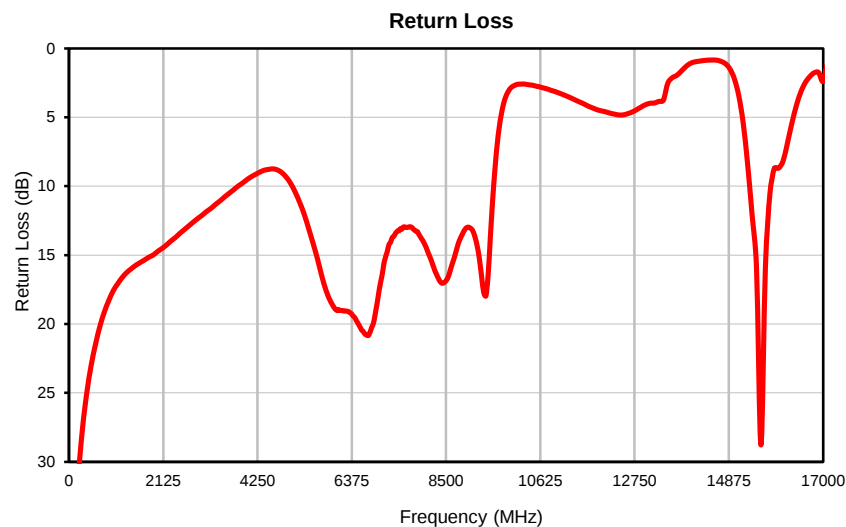


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Typical Performance Data

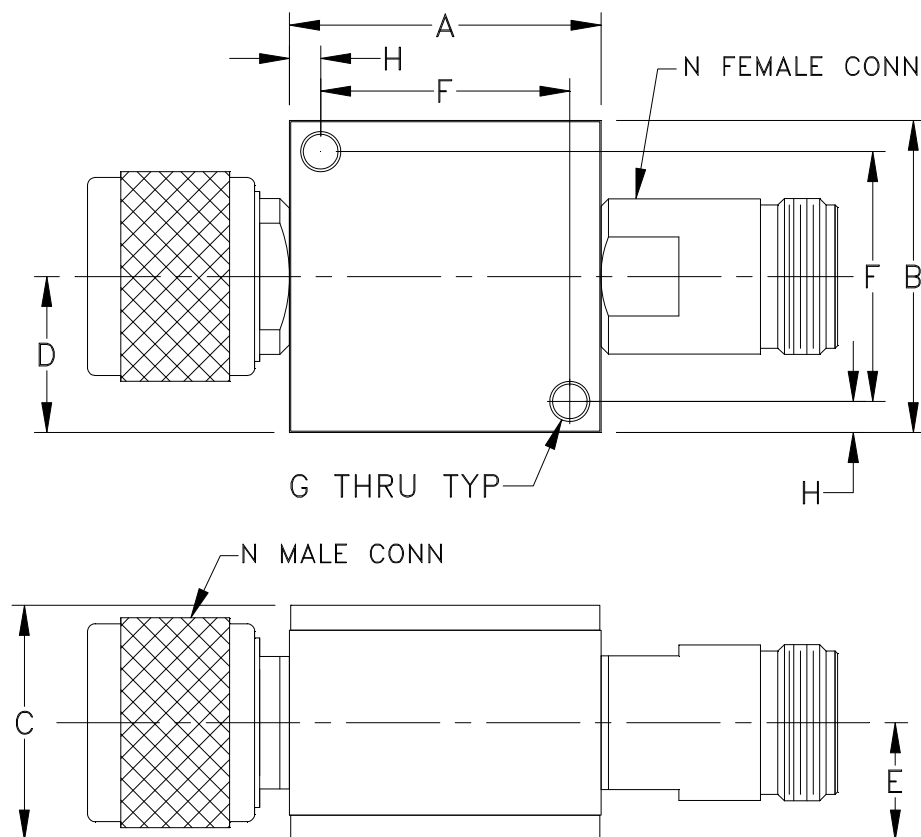
FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
10	0.02	55.08	6000	0.38
100	0.05	38.29	6125	0.39
500	0.15	23.00	6250	0.39
1000	0.26	17.57	6375	0.39
4500	1.50	8.78	6500	0.40
5000	1.40	9.81	6625	0.40
6000	0.78	18.91	6750	0.40
7500	1.13	13.13	6875	0.40
9000	2.12	12.97	7000	0.40
9500	3.25	13.68	7125	0.39
9750	7.35	4.72	7250	0.39
10000	15.18	2.76	7375	0.40
10150	20.68	2.59	7500	0.42
10400	31.91	2.65	7625	0.42
10800	29.61	2.96	7750	0.43
11500	23.55	3.87	7875	0.44
12000	21.23	4.53	8000	0.44
13000	22.17	4.08	8125	0.45
13500	30.90	2.52	8250	0.46
14000	32.38	1.10	8375	0.47
14500	43.35	0.84	8500	0.48
15000	41.68	2.20	8625	0.49
16000	28.90	8.69	8750	0.50
17000	21.81	2.40	9000	0.55

Typical Performance Curves



Outline Dimensions

H795-4



CASE#	A	B	C	D	E	F	G	H	WT.GRAMS
H795-4	1.25 (31.75)	1.25 (31.75)	.94 (23.88)	.63 (16.00)	.47 (11.94)	1.000 (25.40)	.125 (3.18)	.125 (3.18)	91

Dimensions are in inches (mm). Tolerances: 2PL. $\pm .03$; 3PL. $\pm .015$

Notes:

1. Case material: Aluminum alloy.
2. Case finish:

For RoHS Case Styles: Clear chemical conversion coating, non-chrome or trivalent chrome based.



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