Coaxial Low Pass Filter

DC to 1500 MHz

50Ω

Features

· Rugged shielded case

Applications Lab use Test equipment Video equipment

· Other NLP models available with wide selection of cut-off frequencies





Generic photo used for illustration purposes only CASE STYLE: FF57 Connectors Model NLP-1750+ N-Type

Electrical Specifications at 25°C

Par	ameter	F#	Frequency (MHz)	Min.	Тур.	Max.	Unit
	Insertion Loss	DC-F1	DC - 1500	—	—	1.0	dB
Pass Band	Freq. Cut-off	F2	1750	—	3	—	dB
	VSWR	DC-F1	DC - 1500	—	1.3	_	:1
Stop Bond	Poinction Loop	F3-F4	2400 - 3000	20	—	—	dB
Stop Ballu	Rejection Loss	F4-F5	3000 - 6000	40	_	_	dB

Maximum Ratings ²					
Operating Temperature	-55°C to 100°C				
Storage Temperature	-55°C to 100°C				
RF Power Input	0.5W max.				

Permanent damage may occur if any of these limits are exceeded.

Typical Performance Data at 25°C

RF IN RF OUT	
°	

Typical Frequency Response

Functional Schematic



+RoHS Compliant The +Suffix identifies RoHS Compliance. See our web site

for RoHS Compliance methodologies and qualifications









Notes
REGUENCY (MHz)
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Min-Circuit's applicable established test performance criteria and measurement instructions.
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Coaxial Connections

INPUT	N-Male
OUTPUT	N-Female

Outline Drawing



Outline Dimensions (inch)

wt	Е	D	В
grams	.82	2.90	.70
90.0	20.83	73.66	17.78

Note: Please refer to case style drawing for details

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