

# SPECIFICATION

ITEM: LC LOW PASS FILTER  
PART NUMBER: FN-4755W

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
11/15/2024 <sup>(pg)</sup>			

**FILTRONETICS Inc**

1. Part Number: FN-4755W

2. Electrical Specifications:

Filter Type	Low Pass	
Cut Off Frequency (Fc)	2150 MHz	
Passband Insertion Loss: (900 ~ 2150 MHz)	0.75 dB Max (0.50 dB Goal)	
Pass Band Return Loss: (900 ~ 2150 MHz)	12 dB Min	
Pass Band Ripple: (900 ~ 2150 MHz)	0.50 dB Max	
Attenuation:	2800 ~ 3000 MHz	60 dB Min
	3000 ~ 4000 MHz	50 dB Min
Input Power:	0 dBm Max	
Impedance:	50 Ohms	
Operating Temperature:	-30° to +80° C	
Workmanship:	J-STD-001	

3. Example Mechanical Package Styles:

**FN-4755W**

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SMA CONNECTOR FEMALE  
2X (REF DA-093)

CAN: FA-512  
COVER: FB-500

**FN-4755W**

NOTE:  
SHIP WITH 4-40 LOCKWASHERS  
AND HEX NUTS.

CONNECTOR,  
BNC (F) (2X)  
(REF DA-015)

4. Theoretical Response:

