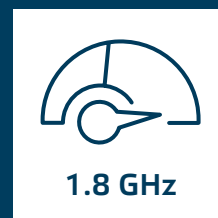
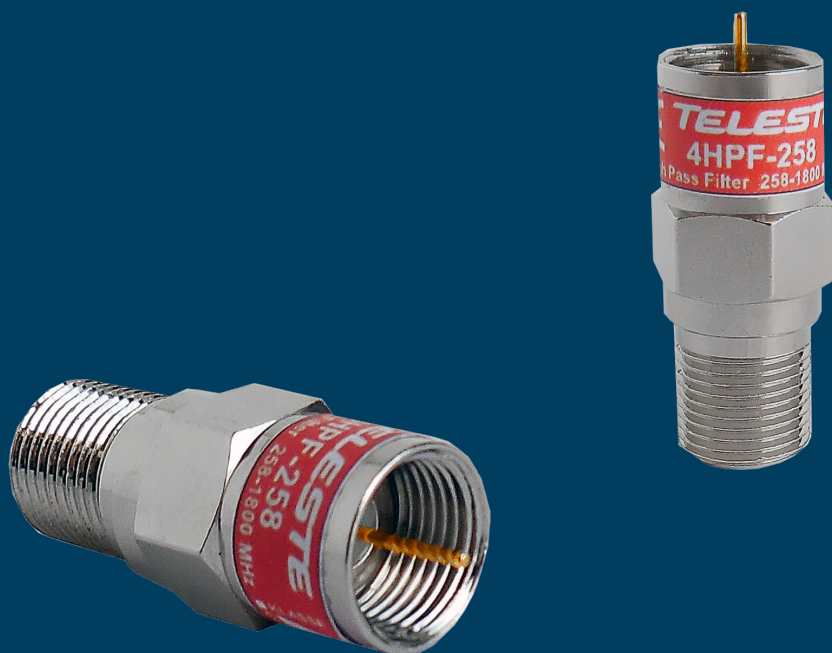


DOCSIS 4.0  
R E A D Y



Indoor RF passives

## High Pass Filter **4HPF-258**

The 4HPF-258 is a High Pass Filter passing the 258-1800 MHz band, the stopband is from 5-204 MHz.

### Features

- Frequency range up to 1.8 GHz, Docsis 4.0 compliant
- Excellent screening effectiveness according to EN50083-2 Class A+ (=Class A +10dB)
- Innovative design giving cost efficient and superior performance in a very small tubular housing
- Stopband Rejection  $\geq 45$  dB
- Passband 258 - 1800 MHz
- F female port meets IEC 61169-24 standard

One of Teleste's superior performance products designed for easy installation and reliability.

**TELESTE**

## INDOOR RF PASSIVES / 4HPF-258

ELECTRICAL SPECIFICATIONS			
Frequency range (MHz)	Typ.	Min.	Max.
<b>INSERTION LOSS (dB) - IN TO OUT</b>			
258 - 278			1.6
278 - 1800			1.5
<b>REJECTION BAND (dB)</b>			
5 - 204		45.0	
<b>RETURN LOSS (dB) - IN TO OUT</b>			
258 - 1218		18.0	
1218 - 1800		16.0	
MECHANICAL SPECIFICATIONS			
Housing	Type	Tubular	
	Plating	Nickel plated Brass	
	Dimensions D x L	7/16" Hex x 27.1 mm	
Connectors	F male	with o-ring for waterproof	
GENERAL SPECIFICATIONS			
Impedance	75 Ohm		
Weight	0.009 Kg		
Electromagnetic Compatibility	EN60728-2 2012, Class A+ (= Class A +10dB)		
Surge Immunity Test	1 kV <sup>(1)</sup> (EN60728-4)		
Operating temperature	-40 ° to + 60 °C		
NOTES			
(1) 1kV Combination Wave Surge Test, In/Out 5 hits each, CWG 1.2/50us , 20hm 1KV/500A			
ORDERING INFORMATION			
4HPF-258	High Pass Filter 258-1800 MHz		

# TELESTE

TELESTE CORPORATION

[www.teleste.com](http://www.teleste.com)

4HPF-258\_20210706

Copyright © 2021 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are property of their respective owners. Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the contents of this document are provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or contents of this document, except as required by applicable law.