

- DOCSIS 3.1 compatible
- Filter rejection <204 MHz
- Filter pass band >258 MHz
- Right angled for simple cable management in the home
- IEC male to IEC female connectors



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### Overview

High pass filter preventing DOCSIS 3.1 (5-204 MHz) signals from the cable modem from entering the TV tuner and causing Adjacent Device Interference (ADI).

## Electrical specifications

Parameter	Frequency	Min	Typ	Max	Units
Impedance			75		Ohm
Frequency range		5		1218	MHz
Rejection	5 - 204	45	50		dB
Insertion loss	258 - 500		0.5	1.2	dB
	500 - 1218		0.5	0.6	dB
Return loss	258 - 500	14	16		dB
	500 - 1218	12	14		dB
Screening effectiveness	5 - 1218	85	95		dB

## Mechanical specifications

Parameter	Details
Housing material	Tube Brass
Connectors	IEC male to IEC female IEC 61169-2
Dimensions	37.50 x 27.25 x 12.23 mm
Weight	23.3 grams

## Notes

- 1 Measurements taken at room temperature

## Ordering information

Item name	Article number
HPFX258-IECRA	19014810