



Indoor RF passives

ULTRA-COMPACT HIGH PASS AND HIGH REJECTION FILTERS

The Teleste range of filters are designed for high performance and are packaged into compact housings.

These housings are available in different materials and plating types to suit operator's needs.

HPF-series features

- Innovative design giving superior performance in a very small housing:
 - √ SMT for superior stability
 - √ One piece design for reduced radiation
 - √ Solid and robust mechanical construction
- Salt spray performance in compliance with SCTE IPS
 - √ TP -406 - all criteria satisfied after 500 hours conditioning
- F port conforms to ANSI/SCTE 02 2006 standard with 360° inner conductor seizure to ensure optimal holding force and excellent transmission quality

One of Teleste's unique and award winning superior performance passives designed for easy installation and reliability.

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INDOOR RF PASSIVES / HPF-SERIES

HPF13		INSERTION LOSS (dB, Max.) - IN - OUT		
	>> Reverse band 1 - 10 MHz Forward band 13 - 1218 MHz	Frequency (MHz)	QA	Typ.
	>> NiTin plated Copper-alloy die-cast compact housing	1 - 10	20	43
		13 - 1218	1.7	0.2
	>> Hex. 11 mm head for convenient installation	RETURN LOSS (dB, Min.) - ALL		
>> Waterproof at IN port 15PSI. Waterproof O-ring at OUT port	13 - 20	12	20	
	21 - 1218	19	31	
Operating temperature	-40° ... + 60 °C	Impedance	75 Ohm	
Dimensions	7/16" (Hex) x 34.5 mm	Weight	11.5 g	
ORDERING INFORMATION				
HPF13	High Pass Filter, 13 - 1000 MHz			
HPF21		REJECTION LOSS (dB, Min.)		
	>> RFI >100dB	Frequency (MHz)	QA	Typ.
	>> NiTin plated Brass housing	0.3 - 16	50	53
		17	44	47
	>> 7/16" hex head for convenient installation	INSERTION LOSS (dB, Max.), IN - OUT		
>> Waterproof at both ends to IEC529 IP67 standards (15psi)	21	2.3	1.8	
	22 - 50	2.0	1.3	
	51 - 1000	1.0	0.5	
>> Quick customization for different bandwidths	RETURN LOSS (dB, Min.), IN - OUT			
	21 - 50	17	25	
	51 - 1000	18	25	
Operating temperature	-40° ... + 60 °C	Impedance	75 Ohm	
Dimensions	7/16" (Hex) x 34.5 mm	Weight	11.5 g	
ORDERING INFORMATION				
HPF21	High Pass Filter, 21 - 1000 MHz			
HPF85A		INSERTION LOSS (dB, Min.)		
	>> RFI >100dB	Frequency (MHz)	QA	Typ.
	>> NiTin plated housing - exceptionally long-lasting and robust	5 - 65	50	60
		85 - 205	1.6	0.4
		206 - 1000	0.5	0.2
>> 7/16" hex head for convenient installation	RETURN LOSS (dB, Min.) - ALL			
>> Waterproof at both ends to IEC529 IP67 standards (15psi)	5 - 65	-	-	
	85 - 1000	18	24	
Operating temperature	-40° ... + 60 °C	Impedance	75 Ohm	
Dimensions	7/16" (Hex) x 34.5 mm	Weight	11.1 g	
ORDERING INFORMATION				
HPF85A	High Pass Filter, 85 - 1000 MHz			

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TELESTE CORPORATION
www.teleste.com

HPF-SERIES_180405

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