



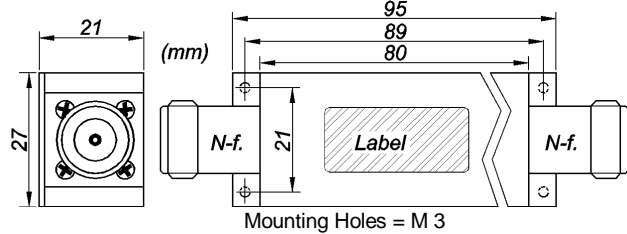
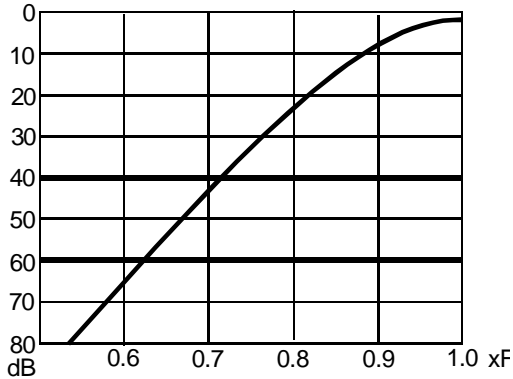
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Highpass Stock* Filters
Chebyshev Design
5 Sections

Fco
 between
35 and 149 MHz

WHJS Series:
 21 mm high



Connector Codes:**
 E (N-female) F (N-male) S (SMA-female) T (SMA-male)
Return Loss (50 Ω) in Passband:
 near Fco: **20 dB typical** = VSWR 1.23 : 1 max.
 at the worst point: **14 dB min.** = VSWR 1.5 : 1 max.

Model Number	Passband MHz	Max. Insertion Loss			Reject Attenuation	
		at Fco	at 1.03 x Fco	at 1.1 x Fco	40 dB min. at 0.735 x Fco =	60 dB min. from DC to 0.63 x Fco =
WHJS 35-5**	35 to 650	0,9 dB	0,82 dB	0,63 dB	25.7 MHz	DC to 22.1 MHz
WHJS 40-5**	40 to 650	0,83 dB	0,74 dB	0,6 dB	29.4 MHz	DC to 25.2 MHz
WHJS 45-5**	45 to 650	0,75 dB	0,66 dB	0,55 dB	33.1 MHz	DC to 28.4 MHz
WHJS 50-5**	50 to 800	0,68 dB	0,57 dB	0,51 dB	36.8 MHz	DC to 31.5 MHz
WHJS 55-5**	55 to 800	0,68 dB	0,57 dB	0,51 dB	40.4 MHz	DC to 34.7 MHz
WHJS 60-5**	60 to 800	0,68 dB	0,57 dB	0,51 dB	44.1 MHz	DC to 37.8 MHz
WHJS 65-5**	65 to 800	0,68 dB	0,57 dB	0,51 dB	47.8 MHz	DC to 41.0 MHz
WHJS 70-5**	70 to 1000	0,68 dB	0,57 dB	0,51 dB	51.5 MHz	DC to 44.1 MHz
WHJS 75-5**	75 to 1000	0,68 dB	0,57 dB	0,51 dB	55.1 MHz	DC to 47.3 MHz
WHJS 80-5**	80 to 1250	0,68 dB	0,57 dB	0,51 dB	58.8 MHz	DC to 50.4 MHz
WHJS 90-5**	90 to 1250	0,68 dB	0,57 dB	0,51 dB	66.2 MHz	DC to 56.7 MHz
WHJS 100-5**	100 to 1500	0,61 dB	0,57 dB	0,46 dB	73.5 MHz	DC to 63.0 MHz
WHJS 110-5**	110 to 1500	0,61 dB	0,55 dB	0,46 dB	80,9 MHz	DC to 69.3 MHz
WHJS 120-5**	120 to 1500	0,61 dB	0,55 dB	0,46 dB	88,2 MHz	DC to 75.6 MHz
WHJS 130-5**	130 to 1500	0,61 dB	0,55 dB	0,46 dB	95,6 MHz	DC to 81.9 MHz
WHJS 140-5**	140 to 1500	0,61 dB	0,55 dB	0,46 dB	103 MHz	DC to 88.2 MHz

Filters with **cut-off frequencies** that are **not listed above:**

Choose any Fco between 35 and 149 MHz and assign a **Model Number** by inserting the desired Fco.

Example = WHJS 145-5.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WHJS 145-5** see filter WHJS 140-5**.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	316	530
5 to 9 filters	284	393
10 to 24 filters	255	340
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

- EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.
- US-\$-Prices** include packaging, shipping by UPS, import charges, and customs duty. Dollar prices for shipments to the USA only. **Customers from the USA are welcome to purchase at EURO-Prices** and carry postage/freight and all import charges directly.

For more details see terms & ordering information.

Delivery time if not in stock: normally 3 to 4 weeks - depending on work load in factory at time of order.

STOCK* FILTERS carry an „S“ in the model number (i.e. WHJS 150-5**). Such filters are either in stock or can be built quickly from prepared assemblies. The filters are guaranteed to meet the specifications shown in the data sheets. Certificate of Conformance is supplied. Prices for Test Sheets see above.