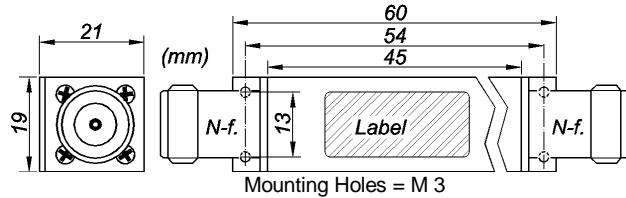
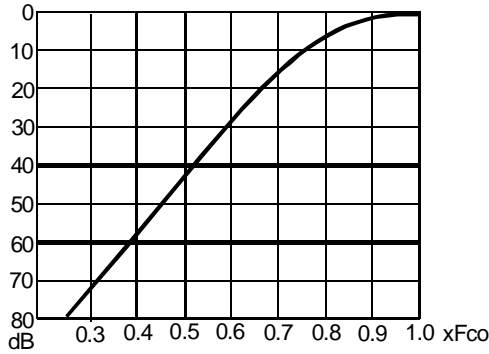




**Wainwright
Instruments GmbH**

Widdersberger Str.14
D82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

Fco between 150 and 699 MHz	Highpass Stock* Filters Chebyshev Design 3 Sections	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 0.52 x Fco =	60 dB min. from DC to 0.39 x Fco =
WHJS 150-3**	150 to 2000	0.35 dB	0.32 dB	0.31 dB	78.0 MHz	DC to 58.5 MHz
WHJS 160-3**	160 to 2000	0.35 dB	0.32 dB	0.31 dB	83.2 MHz	DC to 62.4 MHz
WHJS 170-3**	170 to 2000	0.35 dB	0.32 dB	0.31 dB	88.4 MHz	DC to 66.3 MHz
WHJS 185-3**	185 to 2000	0.31 dB	0.30 dB	0.29 dB	96.2 MHz	DC to 72.2 MHz
WHJS 200-3**	200 to 2000	0.31 dB	0.30 dB	0.29 dB	104.0 MHz	DC to 78.0 MHz
WHJS 215-3**	215 to 2000	0.31 dB	0.30 dB	0.29 dB	112.0 MHz	DC to 83.9 MHz
WHJS 230-3**	230 to 2000	0.31 dB	0.30 dB	0.29 dB	120.0 MHz	DC to 89.7 MHz
WHJS 245-3**	245 to 2000	0.31 dB	0.30 dB	0.29 dB	127.0 MHz	DC to 95.6 MHz
WHJS 260-3**	260 to 3000	0.31 dB	0.30 dB	0.29 dB	135.0 MHz	DC to 101.0 MHz
WHJS 275-3**	275 to 3000	0.31 dB	0.30 dB	0.29 dB	143.0 MHz	DC to 107.0 MHz
WHJS 300-3**	300 to 3000	0.31 dB	0.30 dB	0.29 dB	156.0 MHz	DC to 117.0 MHz
WHJS 325-3**	325 to 3000	0.31 dB	0.30 dB	0.29 dB	169.0 MHz	DC to 127.0 MHz
WHJS 350-3**	350 to 3000	0.31 dB	0.30 dB	0.29 dB	182.0 MHz	DC to 137.0 MHz
WHJS 375-3**	375 to 3000	0.31 dB	0.30 dB	0.29 dB	195.0 MHz	DC to 146.0 MHz
WHJS 400-3**	400 to 3000	0.31 dB	0.30 dB	0.29 dB	208.0 MHz	DC to 156.0 MHz
WHJS 425-3**	425 to 3000	0.31 dB	0.30 dB	0.29 dB	221.0 MHz	DC to 166.0 MHz
WHJS 450-3**	450 to 3000	0.31 dB	0.30 dB	0.29 dB	234.0 MHz	DC to 176.0 MHz
WHJS 500-3**	500 to 3000	0.34 dB	0.32 dB	0.31 dB	260.0 MHz	DC to 195.0 MHz
WHJS 550-3**	550 to 3000	0.34 dB	0.32 dB	0.31 dB	286.0 MHz	DC to 215.0 MHz
WHJS 600-3**	600 to 4000	0.34 dB	0.32 dB	0.31 dB	312.0 MHz	DC to 234.0 MHz
WHJS 650-3**	650 to 4000	0.34 dB	0.32 dB	0.31 dB	338.0 MHz	DC to 254.0 MHz

Filters with **cut-off frequencies** that are **not listed above:**
 Choose any Fco between 150 and 699 MHz and assign a **Model Number** by inserting the desired Fco.
Example = WHJS 625-3.** The insertion loss of the lower frequency filter applies.
 Example: insertion loss of filter WHJS 625-3** see filter WHJS 600-3**.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	255	459
5 to 9 filters	230	325
10 to 24 filters	207	278
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 375-3**). 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.