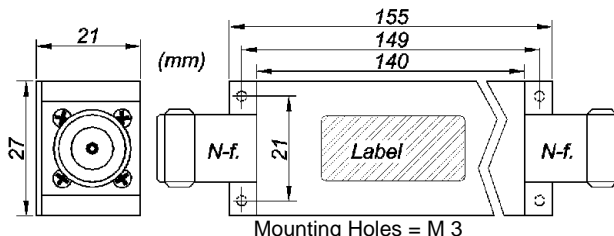
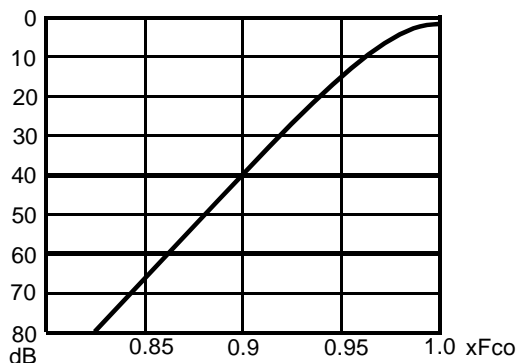




**Wainwright
Instruments GmbH**

Widdersberger Str.14
82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

Fco between 35 and 149 MHz	Highpass Standard* Filters Chebyshev Design 10 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 0.9 x Fco =	60 dB min. from DC to 0.86 x Fco =
WHJS 35-10**	35 to 650	3.80 dB	2.43 dB	1.68 dB	31.5 MHz	DC to 30.1 MHz
WHJS 40-10**	40 to 650	3.55 dB	2.25 dB	1.55 dB	36 MHz	DC to 34.4 MHz
WHJS 45-10**	45 to 650	3.27 dB	2.06 dB	1.43 dB	40.5 MHz	DC to 38.7 MHz
WHJS 50-10**	50 to 800	2.96 dB	1.87 dB	1.30 dB	45 MHz	DC to 43 MHz
WHJS 55-10**	55 to 800	2.96 dB	1.87 dB	1.30 dB	49.5 MHz	DC to 47.3 MHz
WHJS 60-10**	60 to 800	2.87 dB	1.80 dB	1.26 dB	54 MHz	DC to 51.6 MHz
WHJS 65-10**	65 to 800	2.87 dB	1.80 dB	1.26 dB	58.5 MHz	DC to 55.9 MHz
WHJS 70-10**	70 to 1000	2.85 dB	1.73 dB	1.21 dB	63 MHz	DC to 60.2 MHz
WHJS 75-10**	75 to 1000	2.66 dB	1.64 dB	1.16 dB	67.5 MHz	DC to 64.5 MHz
WHJS 80-10**	80 to 1250	2.57 dB	1.56 dB	1.10 dB	72 MHz	DC to 68.8 MHz
WHJS 90-10**	90 to 1250	2.47 dB	1.48 dB	1.06 dB	81 MHz	DC to 77.4 MHz
WHJS 100-10**	100 to 1500	2.37 dB	1.40 dB	1.02 dB	90 MHz	DC to 86 MHz
WHJS 110-10**	110 to 1500	2.37 dB	1.40 dB	1.02 dB	99 MHz	DC to 94.6 MHz
WHJS 120-10**	120 to 1500	2.14 dB	1.35 dB	1.00 dB	108 MHz	DC to 103 MHz
WHJS 130-10**	130 to 1500	2.14 dB	1.35 dB	1.00 dB	117 MHz	DC to 112 MHz
WHJS 140-10**	140 to 1500	1.90 dB	1.30 dB	0.98 dB	126 MHz	DC to 120 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 145-10.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WHJS 145-10** see filter WHJS 140-10**.

PRICES (each)	EURO	US-\$
1 to 4 filters	584	Will be quoted
5 to 9 filters	526	
10 to 24 filters	473	
Test Report with Analyzer Curves:	15	
Cert. of Conformance:	supplied	

Delivery Terms: FCA Andechs-Frieding (free carrier) according to **Incoterms 2000**

Regarding payment terms and Warranty see [Terms and Conditions](#)

In Deutschland liefern wir frachtfrei gemäß CPT **Incoterms 2000** (unversichert).

Delivery Time: normally 3 to 4 weeks - depending on quantity ordered and on our work load at time of order.

*) **Standard Filters** carry an „S“ in the model number (i.e. WHJS 150-10**). 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.