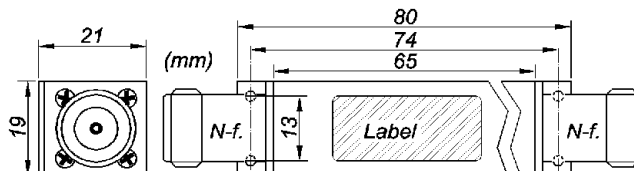
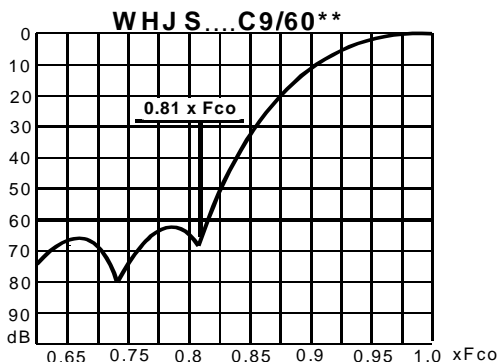




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<b>Fco</b> between <b>20 and 499 MHz</b>	<b>Highpass Standard* Filters</b> <b>Cauer (Elliptic) Design</b> <b>C9/60**</b>	<b>WHJS Series:</b> <b>21 mm high</b>
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Mounting Holes = M 3

Connector Codes:\*\*

E (N-female) F (N-male) S (SMA-female) T (SMA-male)

**Return Loss (50 Ω) in Passband** - at the worst point

**Filters up to 224 MHz** Fco: 14 dB min. = VSWR 1.5 : 1 max.

**Filters 225 to 1000 MHz** Fco: 12 dB min. = VSWR 1.67 : 1 max.

Model Number	Passband MHz	Max. Insertion Loss			Reject Attenuation 60 dB min. from DC to 0.81 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHJS 20.0 C9/60**	20 to 500	1.90 dB	1.50 dB	1.00 dB	DC to 16.2 MHz
WHJS 25.0 C9/60**	25 to 500	1.50 dB	1.20 dB	0.90 dB	DC to 20.2 MHz
WHJS 30.0 C9/60**	30 to 500	1.50 dB	1.20 dB	0.90 dB	DC to 24.3 MHz
WHJS 35.0 C9/60**	35 to 500	1.50 dB	1.20 dB	0.90 dB	DC to 28.3 MHz
WHJS 40.0 C9/60**	40 to 500	1.50 dB	1.20 dB	0.90 dB	DC to 32.4 MHz
WHJS 45.0 C9/60**	45 to 500	1.50 dB	1.20 dB	0.90 dB	DC to 36.4 MHz
WHJS 50.0 C9/60**	50 to 1200	1.20 dB	1.00 dB	0.70 dB	DC to 40.5 MHz
WHJS 60.0 C9/60**	60 to 1200	1.20 dB	1.00 dB	0.70 dB	DC to 48.6 MHz
WHJS 70.0 C9/60**	70 to 1200	1.20 dB	1.00 dB	0.70 dB	DC to 56.7 MHz
WHJS 80.0 C9/60**	80 to 1500	1.10 dB	0.90 dB	0.70 dB	DC to 64.8 MHz
WHJS 90.0 C9/60**	90 to 1500	1.10 dB	0.90 dB	0.70 dB	DC to 72.9 MHz
WHJS 100 C9/60**	100 to 1500	1.10 dB	0.90 dB	0.70 dB	DC to 81.0 MHz
WHJS 115 C9/60**	115 to 1500	1.10 dB	0.90 dB	0.70 dB	DC to 93.1 MHz
WHJS 130 C9/60**	130 to 1500	1.10 dB	0.90 dB	0.70 dB	DC to 105 MHz
WHJS 150 C9/60**	150 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 121 MHz
WHJS 175 C9/60**	175 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 142 MHz
WHJS 200 C9/60**	200 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 162 MHz
WHJS 225 C9/60**	225 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 182 MHz
WHJS 250 C9/60**	250 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 203 MHz
WHJS 275 C9/60**	275 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 223 MHz
WHJS 300 C9/60**	300 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 243 MHz
WHJS 350 C9/60**	350 to 2000	1.00 dB	0.80 dB	0.70 dB	DC to 283 MHz
WHJS 400 C9/60**	400 to 3000	1.00 dB	0.80 dB	0.70 dB	DC to 324 MHz
WHJS 450 C9/60**	450 to 3000	1.00 dB	0.80 dB	0.70 dB	DC to 364 MHz

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

Choose any Fco between 20 MHz and 499 MHz and assign a **Model Number** by inserting the desired Fco.

**Example:** The Model Number of a 9 degree/60dB Cauer Highpass Filter with a cut-off frequency of 55 MHz is **WHJS 55C9/60SS**. For insertion loss and dimensions of the listed **lower frequency** see **WHJS 50C9/60SS**.

PRICES (each)	EURO	US-\$
1 to 4 filters	468	Will be quoted
5 to 9 filters	420	
10 to 24 filters	378	
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 10C9/60SS). 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 supplied. Prices for Test Sheets see above

