



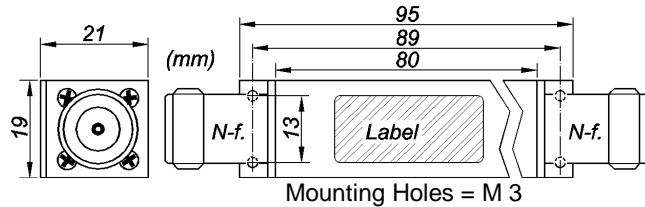
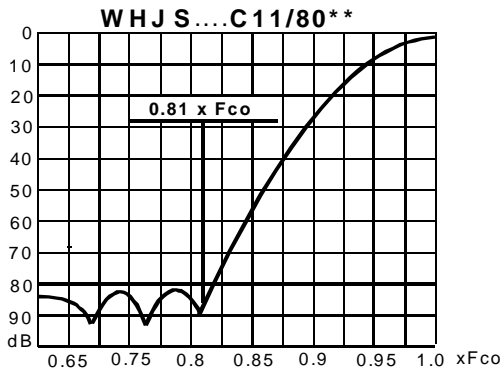
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**Fco**  
between  
**20 and 499 MHz**

**Highpass Stock\* Filters**  
Cauer (Elliptic) Design  
C11/80\*\*

**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** - 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 Fco to (MHz)	Max. Insertion Loss			Reject Attenuation 80 dB min. from DC to 0.81 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHJS 20.0 C11/80**	20.0 to 500	2.50 dB	1.90 dB	1.40 dB	DC to 16.2 MHz
WHJS 25.0 C11/80**	25.0 to 500	2.00 dB	1.50 dB	1.40 dB	DC to 20.2 MHz
WHJS 30.0 C11/80**	30.0 to 500	2.00 dB	1.50 dB	1.40 dB	DC to 24.3 MHz
WHJS 35.0 C11/80**	35.0 to 500	2.00 dB	1.50 dB	1.40 dB	DC to 28.3 MHz
WHJS 40.0 C11/80**	40.0 to 1000	1.60 dB	1.20 dB	0.90 dB	DC to 32.4 MHz
WHJS 45.0 C11/80**	45.0 to 1000	1.6 dB	1.20 dB	0.90 dB	DC to 36.4 MHz
WHJS 50.0 C11/80**	50.0 to 1000	1.60 dB	1.20 dB	0.90 dB	DC to 40.5 MHz
WHJS 60.0 C11/80**	60.0 to 1000	1.60 dB	1.20 dB	0.90 dB	DC to 48.6 MHz
WHJS 70.0 C11/80**	70.0 to 1000	1.60 dB	1.20 dB	0.90 dB	DC to 56.7 MHz
WHJS 80.0 C11/80**	80.0 to 1500	1.60 dB	1.20 dB	0.90 dB	DC to 64.8 MHz
WHJS 90.0 C11/80**	90.0 to 1500	1.60 dB	1.20 dB	0.90 dB	DC to 72.9 MHz
WHJS 100 C11/80**	100.0 to 1500	1.60 dB	1.20 dB	0.90 dB	DC to 81.0 MHz
WHJS 115 C11/80**	115.0 to 1500	1.60 dB	1.20 dB	0.90 dB	DC to 93.1 MHz
WHJS 130 C11/80**	130.0 to 1500	1.60 dB	1.20 dB	0.90 dB	DC to 105 MHz
WHJS 150 C11/80**	150.0 to 2000	1.10 dB	0.90 dB	0.70 dB	DC to 121 MHz
WHJS 175 C11/80**	175.0 to 2000	1.10 dB	0.90 dB	0.70 dB	DC to 142 MHz
WHJS 200 C11/80**	200.0 to 2500	1.10 dB	0.90 dB	0.70 dB	DC to 162 MHz
WHJS 225 C11/80**	225.0 to 2500	1.10 dB	0.90 dB	0.70 dB	DC to 182 MHz
WHJS 250 C11/80**	250.0 to 2500	1.10 dB	0.90 dB	0.70 dB	DC to 202 MHz
WHJS 275 C11/80**	275.0 to 2500	1.10 dB	0.90 dB	0.70 dB	DC to 223 MHz
WHJS 300 C11/80**	300.0 to 2500	1.10 dB	0.90 dB	0.70 dB	DC to 243 MHz
WHJS 350 C11/80**	350.0 to 2500	1.10 dB	0.90 dB	0.70 dB	DC to 283 MHz
WHJS 400 C11/80**	400.0 to 3000	1.10 dB	0.90 dB	0.70 dB	DC to 324 MHz
WHJS 450 C11/80**	450.0 to 3000	1.10 dB	0.90 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 11 degree/80dB Cauer Highpass Filter with a cut-off frequency of 55 MHz is **WHJS 55C11/80SS**. The insertion loss and dimensions of the listed **lower frequency** see **WHJS 50C11/80SS**.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	673	916
5 to 9 filters	606	795
10 to 24 filters	546	705
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

<sup>1)</sup> **EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.

<sup>2)</sup> **US-\$-Prices** include packaging, shipping by UPS, import charges and customs duty. Dollar prices for shipments to the US 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 the factory at time of order.