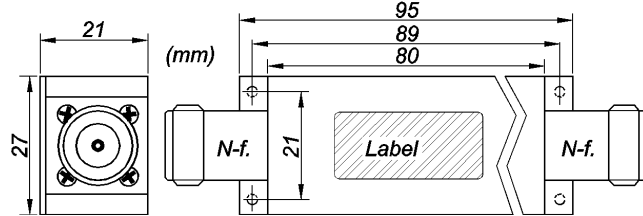
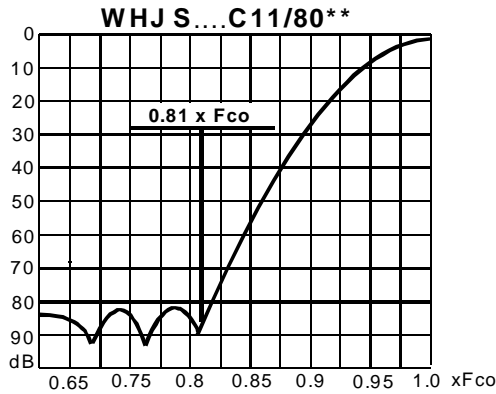




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F_{co} between 0.15 and 19 MHz	Highpass Stock* Filters Cauer (Elliptic) Design C11/80**	WHJS Series: 21 mm high
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Mounting Holes = M 3

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 F_{co}: 14 dB min. = VSWR 1.5 : 1 max.
Filters 225 to 1000 MHz F_{co}: 12 dB min. = VSWR 1.67 : 1 max.

Model Number	Passband MHz	Max. Insertion Loss			Reject Attenuation 80 dB min. from DC to 0.81 x F _{co} =
		at F _{co}	at 1.03 x F _{co}	at 1.1 x F _{co}	
WHJS 0.15 C11/80**	0.15 to 100	1.20 dB	0.90 dB	0.70 dB	DC to 0.1215 MHz
WHJS 0.20 C11/80**	0.20 to 100	1.20 dB	0.90 dB	0.70 dB	DC to 0.1620 MHz
WHJS 0.30 C11/80**	0.30 to 100	1.20 dB	0.90 dB	0.70 dB	DC to 0.2430 MHz
WHJS 0.40 C11/80**	0.40 to 100	1.20 dB	0.90 dB	0.70 dB	DC to 0.3240 MHz
WHJS 0.50 C11/80**	0.50 to 100	1.20 dB	0.90 dB	0.70 dB	DC to 0.4050 MHz
WHJS 0.65 C11/80**	0.65 to 100	1.20 dB	0.90 dB	0.70 dB	DC to 0.5265 MHz
WHJS 0.80 C11/80**	0.80 to 100	1.20 dB	0.90 dB	0.70 dB	DC to 0.648 MHz
WHJS 1.00 C11/80**	1.00 to 150	1.50 dB	1.00 dB	0.80 dB	DC to 0.810 MHz
WHJS 1.50 C11/80**	1.50 to 150	1.50 dB	1.00 dB	0.80 dB	DC to 1.215 MHz
WHJS 2.00 C11/80**	2.00 to 150	1.50 dB	1.00 dB	0.80 dB	DC to 1.620 MHz
WHJS 3.00 C11/80**	3.00 to 150	2.00 dB	1.50 dB	1.10 dB	DC to 2.430 MHz
WHJS 4.00 C11/80**	4.00 to 150	2.00 dB	1.50 dB	1.10 dB	DC to 3.240 MHz
WHJS 5.00 C11/80**	5.00 to 150	2.00 dB	1.50 dB	1.10 dB	DC to 4.050 MHz
WHJS 7.50 C11/80**	7.50 to 150	2.50 dB	1.90 dB	1.40 dB	DC to 6.075 MHz
WHJS 10.0 C11/80**	10.00 to 500	2.50 dB	1.90 dB	1.40 dB	DC to 8.10 MHz
WHJS 15.0 C11/80**	15.00 to 500	2.50 dB	1.90 dB	1.40 dB	DC to 12.1 MHz

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

Choose any F_{co} between 75 kHz and 19 MHz and assign a **Model Number** by inserting the desired F_{co}.

Example: The Model Number of a 11 degree/80dB Cauer Highpass Filter with a cut-off frequency of 12 MHz is **WHJS 12C11/80SS**. The insertion loss and dimensions of the listed **lower frequency** see **WHJS 10C11/80SS**.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	774	1030
5 to 9 filters	697	909
10 to 24 filters	628	805
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

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

2) **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.

*) **STOCK* FILTERS** carry an "S" in the model number (i.e. WHJS 10C11/80SS). 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.