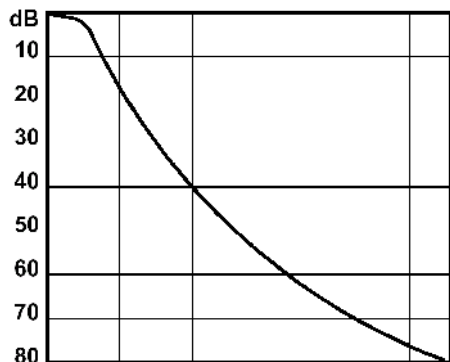




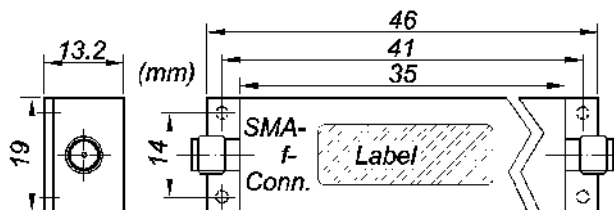
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<b>Fco between 35 and 184 MHz</b>	<b>Lowpass Stock* Filters</b> <b>Chebyshev Design</b> <b>3 Sections</b>	<b>WLKS Series:</b> 13.2 mm high (SMA-female connectors)
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Fco x 1.0 1.5 2.0 2.5 3.0 3.5



Mounting Holes  $\varnothing = 2.1$  mm

**Return Loss (50  $\Omega$ ) 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 DC to Fco	Max. Insertion Loss			Reject Attenuation	
		at Fco	at 0.97 x Fco	at 0.90 x Fco	40 dB min. at 2.0 x Fco =	60 dB min. from 2.7 x Fco to
WLKS 35-3SS	35 MHz	0.50 dB	0.45 dB	0.40 dB	70.0 MHz	94.5 to 3000 MHz
WLKS 40-3SS	40 MHz	0.50 dB	0.45 dB	0.40 dB	80.0 MHz	108.0 to 3000 MHz
WLKS 45-3SS	45 MHz	0.50 dB	0.45 dB	0.40 dB	90.0 MHz	122.0 to 3000 MHz
WLKS 50-3SS	50 MHz	0.40 dB	0.35 dB	0.30 dB	100.0 MHz	135.0 to 3000 MHz
WLKS 55-3SS	55 MHz	0.40 dB	0.35 dB	0.30 dB	110.0 MHz	149.0 to 3000 MHz
WLKS 60-3SS	60 MHz	0.40 dB	0.35 dB	0.30 dB	120.0 MHz	162.0 to 3000 MHz
WLKS 65-3SS	65 MHz	0.40 dB	0.35 dB	0.30 dB	130.0 MHz	176.0 to 3000 MHz
WLKS 70-3SS	70 MHz	0.40 dB	0.35 dB	0.30 dB	140.0 MHz	189.0 to 3000 MHz
WLKS 75-3SS	75 MHz	0.30 dB	0.28 dB	0.25 dB	150.0 MHz	203.0 to 3000 MHz
WLKS 80-3SS	80 MHz	0.30 dB	0.28 dB	0.25 dB	160.0 MHz	216.0 to 3000 MHz
WLKS 90-3SS	90 MHz	0.30 dB	0.28 dB	0.25 dB	180.0 MHz	243.0 to 3000 MHz
WLKS 100-3SS	100 MHz	0.25 dB	0.23 dB	0.22 dB	200.0 MHz	270.0 to 3000 MHz
WLKS 110-3SS	110 MHz	0.25 dB	0.23 dB	0.22 dB	220.0 MHz	297.0 to 3000 MHz
WLKS 120-3SS	120 MHz	0.25 dB	0.23 dB	0.22 dB	240.0 MHz	324.0 to 3000 MHz
WLKS 130-3SS	130 MHz	0.25 dB	0.23 dB	0.22 dB	260.0 MHz	351.0 to 3000 MHz
WLKS 140-3SS	140 MHz	0.25 dB	0.23 dB	0.22 dB	280.0 MHz	378.0 to 3000 MHz
WLKS 150-3SS	150 MHz	0.25 dB	0.23 dB	0.22 dB	300.0 MHz	405.0 to 3000 MHz
WLKS 160-3SS	160 MHz	0.25 dB	0.23 dB	0.22 dB	320.0 MHz	432.0 to 3000 MHz
WLKS 170-3SS	170 MHz	0.25 dB	0.23 dB	0.22 dB	340.0 MHz	459.0 to 3000 MHz

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

Choose any Fco between 35 and 184 MHz and assign a **Model Number** by inserting the desired Fco.

**Example = WLKS 125-3SS.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLKS 125-3SS see filter WLKS 120-3SS.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	202	<i>Will be quoted</i>
5 to 9 filters	182	
10 to 24 filters	164	
Test Data Sheets:	10	
Netw. Analyzer Curves:	15	
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 factory at time of order.

**STOCK\* FILTERS** carry an „S“ in the model number (i.e. WLKS 120-3SS). 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.