



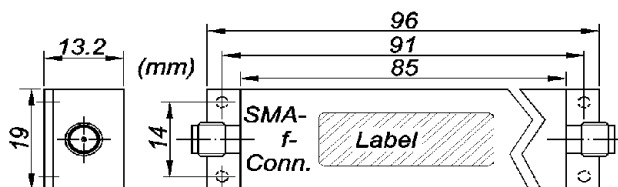
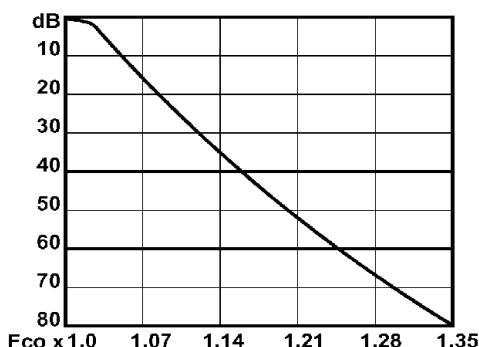
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**Fco**  
 between  
**30 and 184 MHz**

**Lowpass Standard\* Filters**  
**Chebyshev Design**  
**8 Sections**

**WLKS Series:**  
 13.2 mm high  
 (SMA-female connectors)



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	Max. Insertion Loss			Reject Attenuation	
		DC to Fco	at Fco	at 0.97 x Fco	at 0.90 x Fco	40 dB min. at 1.16 x Fco =
WLKS 30-8SS	30 MHz	1.90 dB	1.50 dB	1.20 dB	34.8 MHz	37.2 to 6000 MHz
WLKS 35-8SS	35 MHz	1.80 dB	1.40 dB	1.10 dB	40.6 MHz	43.4 to 6000 MHz
WLKS 40-8SS	40 MHz	1.70 dB	1.35 dB	1.05 dB	46.4 MHz	49.6 to 6000 MHz
WLKS 45-8SS	45 MHz	1.60 dB	1.35 dB	1.00 dB	52.2 MHz	55.8 to 6000 MHz
WLKS 50-8SS	50 MHz	1.50 dB	1.30 dB	0.95 dB	58 MHz	62 to 6000 MHz
WLKS 55-8SS	55 MHz	1.50 dB	1.30 dB	0.95 dB	63.8 MHz	68.2 to 6000 MHz
WLKS 60-8SS	60 MHz	1.50 dB	1.30 dB	0.95 dB	69.6 MHz	74.4 to 6000 MHz
WLKS 65-8SS	65 MHz	1.35 dB	1.20 dB	0.85 dB	75.4 MHz	80.6 to 6000 MHz
WLKS 70-8SS	70 MHz	1.35 dB	1.20 dB	0.85 dB	81.2 MHz	86.8 to 6000 MHz
WLKS 75-8SS	75 MHz	1.20 dB	1.10 dB	0.75 dB	87 MHz	93 to 6000 MHz
WLKS 80-8SS	80 MHz	1.20 dB	1.10 dB	0.75 dB	92.8 MHz	99.2 to 6000 MHz
WLKS 90-8SS	90 MHz	1.20 dB	1.10 dB	0.75 dB	104 MHz	112 to 6000 MHz
WLKS 100-8SS	100 MHz	1.20 dB	1.10 dB	0.75 dB	116 MHz	124 to 6000 MHz
WLKS 110-8SS	110 MHz	1.20 dB	1.10 dB	0.75 dB	128 MHz	136 to 6000 MHz
WLKS 120-8SS	120 MHz	1.20 dB	1.10 dB	0.75 dB	139 MHz	149 to 6000 MHz
WLKS 130-8SS	130 MHz	1.20 dB	1.10 dB	0.75 dB	151 MHz	161 to 6000 MHz
WLKS 140-8SS	140 MHz	1.20 dB	1.10 dB	0.75 dB	162 MHz	174 to 6000 MHz
WLKS 150-8SS	150 MHz	1.20 dB	1.10 dB	0.75 dB	174 MHz	186 to 6000 MHz
WLKS 160-8SS	160 MHz	1.20 dB	1.10 dB	0.75 dB	186 MHz	198 to 6000 MHz
WLKS 170-8SS	170 MHz	1.20 dB	1.10 dB	0.75 dB	197 MHz	211 to 6000 MHz

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

Choose any Fco between 30 and 184 MHz and assign a **Model Number** by inserting the desired Fco.

**Example = WLKS 125-8SS.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLKS 125-8SS see filter WLKS 120-8SS.

PRICES (each)	EURO	US-\$
1 to 4 filters	291	Will be quoted
5 to 9 filters	261	
10 to 24 filters	235	
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. WLKS 120-8SS). 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.