



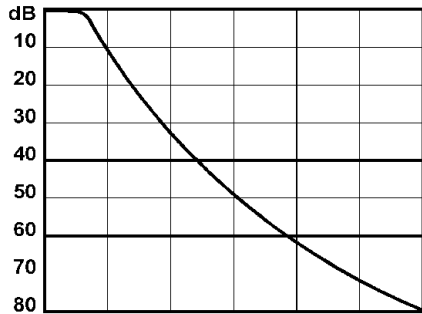
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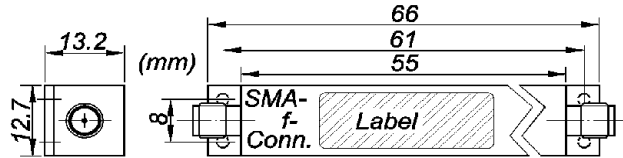
Fco
 between
185 and 999 MHz

Lowpass Standard* Filters
Chebyshev Design
5 Sections

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



Fco x 1.0 1.15 1.3 1.45 1.6 1.75 1.9



Mounting Holes $\varnothing = 2.1$ mm

Return Loss (50 Ω) in Passband:
 near Fco: **20 dB typical** = VSWR 1.23 : 1 max.
 at the worst point: **14 dB min.** = VSWR 1.5 : 1 max.

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

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 1.35 x Fco =	60 dB min. from 1.57 x Fco to
WLKS 185-5SS	185 MHz	0.60 dB	0.50 dB	0.40 dB	250 MHz	290 to 4000 MHz
WLKS 200-5SS	200 MHz	0.60 dB	0.50 dB	0.40 dB	270 MHz	314 to 4000 MHz
WLKS 215-5SS	215 MHz	0.60 dB	0.50 dB	0.40 dB	290 MHz	338 to 4000 MHz
WLKS 230-5SS	230 MHz	0.60 dB	0.50 dB	0.40 dB	311 MHz	361 to 4000 MHz
WLKS 245-5SS	245 MHz	0.60 dB	0.50 dB	0.40 dB	331 MHz	385 to 4000 MHz
WLKS 260-5SS	260 MHz	0.50 dB	0.40 dB	0.30 dB	351 MHz	408 to 4000 MHz
WLKS 275-5SS	275 MHz	0.50 dB	0.40 dB	0.30 dB	371 MHz	432 to 4000 MHz
WLKS 300-5SS	300 MHz	0.50 dB	0.40 dB	0.30 dB	405 MHz	471 to 4000 MHz
WLKS 325-5SS	325 MHz	0.50 dB	0.40 dB	0.30 dB	439 MHz	510 to 4000 MHz
WLKS 350-5SS	350 MHz	0.50 dB	0.40 dB	0.30 dB	473 MHz	550 to 4000 MHz
WLKS 375-5SS	375 MHz	0.50 dB	0.40 dB	0.30 dB	506 MHz	589 to 4000 MHz
WLKS 400-5SS	400 MHz	0.50 dB	0.40 dB	0.30 dB	540 MHz	628 to 4000 MHz
WLKS 425-5SS	425 MHz	0.50 dB	0.40 dB	0.30 dB	574 MHz	667 to 4000 MHz
WLKS 450-5SS	450 MHz	0.50 dB	0.40 dB	0.30 dB	608 MHz	707 to 4000 MHz
WLKS 500-5SS	500 MHz	0.50 dB	0.40 dB	0.30 dB	675 MHz	785 to 4000 MHz
WLKS 550-5SS	550 MHz	0.50 dB	0.40 dB	0.30 dB	743 MHz	864 to 4000 MHz
WLKS 600-5SS	600 MHz	0.50 dB	0.40 dB	0.30 dB	810 MHz	942 to 5000 MHz
WLKS 650-5SS	650 MHz	0.50 dB	0.40 dB	0.30 dB	878 MHz	1021 to 5000 MHz
WLKS 700-5SS	700 MHz	0.40 dB	0.35 dB	0.30 dB	945 MHz	1099 to 5000 MHz
WLKS 750-5SS	750 MHz	0.40 dB	0.35 dB	0.30 dB	1013 MHz	1178 to 5000 MHz
WLKS 800-5SS	800 MHz	0.40 dB	0.35 dB	0.30 dB	1080 MHz	1256 to 5000 MHz
WLKS 900-5SS	900 MHz	0.40 dB	0.35 dB	0.30 dB	1215 MHz	1413 to 5000 MHz

Choose any Fco between 185 and 999 MHz and assign a **Model Number** by inserting the desired Fco.

Example = WLKS 625-5SS. The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLKS 625-5SS see filter WLKS 600-5SS.

PRICES (each)	EURO	US-\$
1 to 4 filters	237	Will be quoted
5 to 9 filters	213	
10 to 24 filters	192	
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 600-5SS). 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.