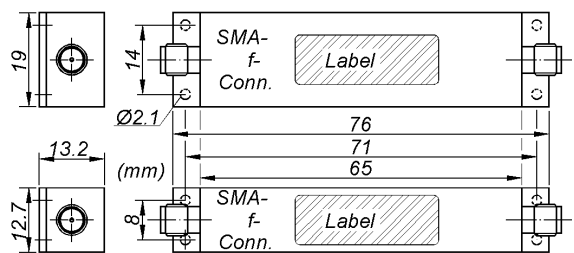
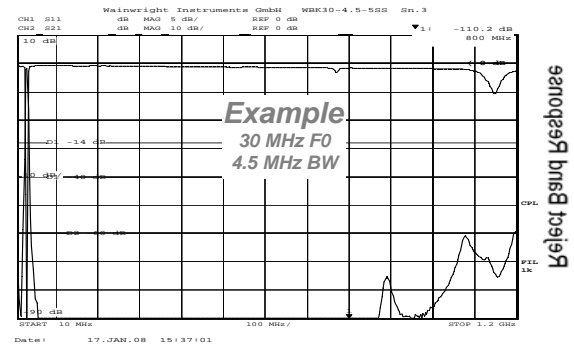
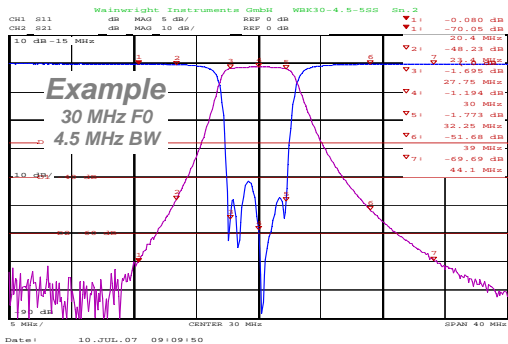




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5 Section LC Design WBK Series	Bandpass Filters Center Frequencies between 30 MHz and 1.5 GHz Bandwidths between 3% and 20%	WBK Series 13.2 mm high SMA-F Connectors
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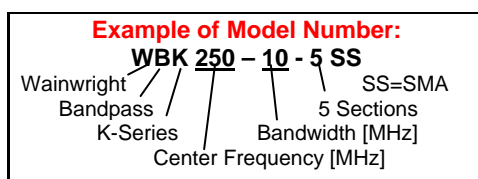
Enclosure Size:
 30 – 150 MHz 13.2 x 19 x 65 mm
 151 – 1500 MHz 13.2 x 12.7 x 65 mm

Specifications: (For further Bandwidths and Specs see our [100 kB PDF Table](#))

Center Frequency (F0)	BW 3%		BW 5%		BW 10%		BW 12%		BW 15%		BW 20%	
	Ins. Loss at F0	Ins. Loss at Corners	Ins. Loss at F0	Ins. Loss at Corners	Ins. Loss at F0	Ins. Loss at Corners	Ins. Loss at F0	Ins. Loss at Corners	Ins. Loss at F0	Ins. Loss at Corners	Ins. Loss at F0	Ins. Loss at Corners
30 MHz	7.0	9.0	5.2	5.5	2.3	3.0	1.8	2.7	1.5	2.2	1.2	1.5
150 MHz	5.0	7.0	2.5	3.3	1.5	2.3	1.4	2	1.2	1.6	1.0	1.3
200 MHz	4.0	5.0	2.5	3.0	1.5	2.0	1.3	1.8	1.0	1.5	0.9	1.2
220 MHz	3.8	5.1	2.4	2.9	1.3	1.9	1.3	1.8	1.0	1.4	0.9	1.2
250 MHz	3.7	5.0	2.4	2.7	1.4	1.9	1.3	1.8	1.0	1.3	0.9	1.1
300 MHz	3.6	5.0	2.3	2.6	1.3	1.8	1.1	1.6	1.0	1.3	0.8	1.1
500 MHz	3.5	5.0	2.2	2.5	1.3	1.8	1.1	1.5	1.0	1.2	0.8	1.1
750 MHz	3.2	4.0	1.9	2.4	1.1	1.7	1.0	1.4	1.0	1.2	0.8	1.1
1000 MHz	2.8	3.8	2.1	2.3	1.2	1.6	1.0	1.3	0.9	1.1	0.8	1.1
1500 MHz	2.5	3.5	2.0	2.2	1.1	1.5	1.0	1.0	0.9	1.1	0.8	1.1

In table above: figures in **black print** = max. insertion loss figures in **light print**: = estimated insertion loss

Min. Stopband Attenuation (Frequency Factor)					Upper Stopband Limit		Common Specifications	
BW (%)	60 dB low	40 dB low	40 dB high	60 dB high	For Center Frequencies:	Upper Limit	Return Loss (50 Ω)	14 dB min. (worst point)
BW 3%	0.92	0.95	1.05	1.08	30 - 99 MHz	= 800 MHz	Connectors	SMA-F only
BW 5%	0.88	0.92	1.09	1.14	100 - 199 MHz	= 1000 MHz	Oper.Temp.	0°C to 45°C
BW 10%	0.78	0.85	1.19	1.29	200 - 499 MHz	= 2000 MHz	Power Handling: Please also see our Warranty	1W CW max. in stopband 3W CW max. in Passband
BW 12%	0.74	0.82	1.23	1.35	500 - 1500 MHz	= 3000 MHz		
BW 15%	0.68	0.78	1.30	1.47				
BW 20%	0.62	0.73	1.43	1.67				



Terms: *)
 Delivery FCA Andechs-Frieding (free carrier) = **Incoterms 2000**.
 In Deutschland liefern wir frachtfrei gemäß CPT = **Incoterms 2000** (unversichert)

PRICES (each)	EURO	US-\$ will be quoted
1 to 4 Filters	344	Available for shipments to US only.
5 to 9 Filters	310	
10 to 25 Filters	279	
Supplied:	Test Data Sheets with Netw. Analyzer Curves	

*) Regarding payment terms and warranty: see [Terms and Conditions](#)

Delivery Time: normally 4 to 6 weeks – depending on quantity and on work load in factory at time of the order.