**Front-end crystal filters****KF 118 MHz to 180 MHz-8.33/A41****Number: 92 002****Drawing: 71 0099****1. Electric values**

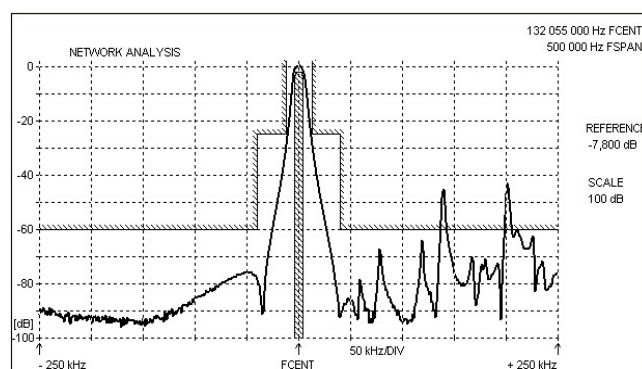
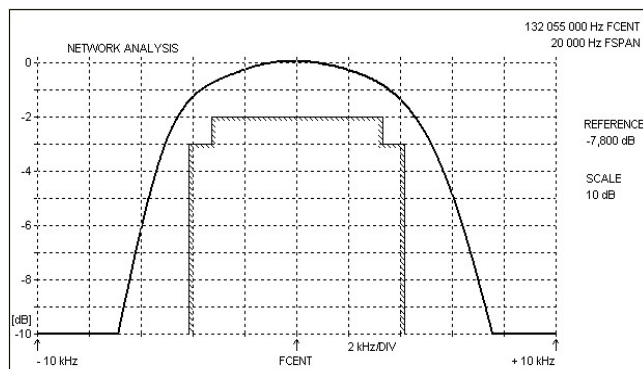
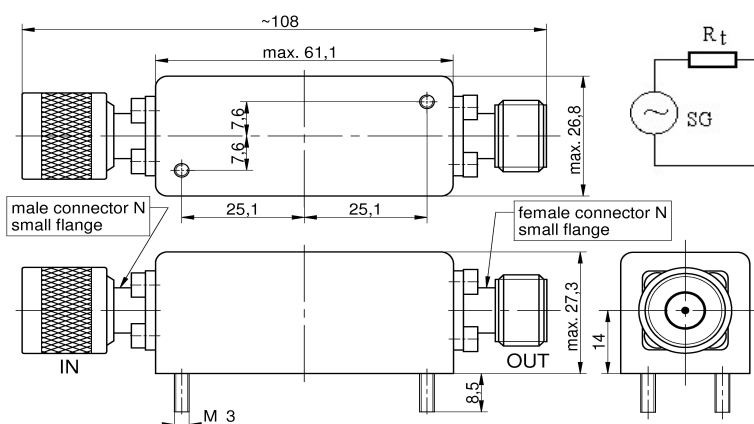
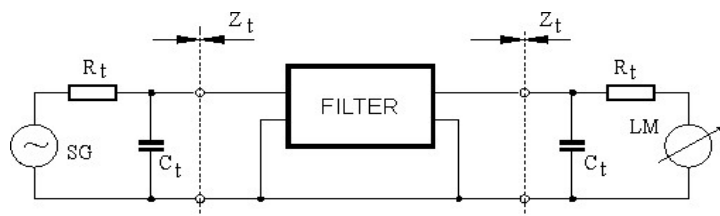
- | | | |
|------|--|--|
| 1.0 | Number of poles: | 4 |
| 1.1 | Nominal centre frequency f _{nom} : | 118 000 ... 180 000 kHz (5 overtone) |
| 1.2 | Bandwidth between 3 dB frequencies: | >± 4,165 kHz |
| 1.3 | Ripple (f _{nom} ± 3,3 kHz): | < 2,0 dB |
| 1.4 | Insertion loss: | < 7,0 dB |
| 1.5 | Stop band: | |
| | f _{nom} ± 12,5 kHz: | ≥ 25 dB |
| | f _{nom} ± 40 kHz ... ± 5 MHz : | ≥ 60 dB |
| 1.6 | Spurious response: | ≥ 25 dB |
| 1.7 | Terminating impedance: | 50 Ohm // 0 pF |
| 1.8 | Maximum input power level (working / non-damaged): | -10 / +10 dBm |
| 1.9 | Operating temperature range: | -10°C ... + 60°C |
| | Operable temperature range: | -20°C ... + 80°C |
| | Storage temperature range: | -40°C ... + 90°C |
| 1.10 | Case: | KA 41 (with N male/female) 61.1 x 26.8 x 27.3 mm |

1.11 Marking on the case :

IN	OUT
18 MHz to 180 MHz-8.33	
YYWW	

YY - year

WW – week (or customer's marking)

2. Characteristics**KF 118 MHz to 180 MHz-8.33/A41****Dimensions KA41****[mm]****Measurement Circuit**

edited 18.12.2017 P.Jungling