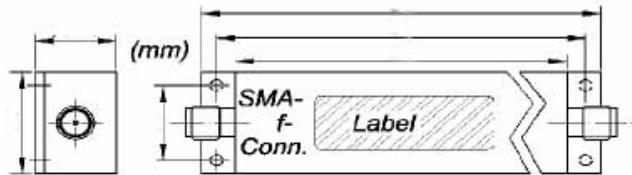
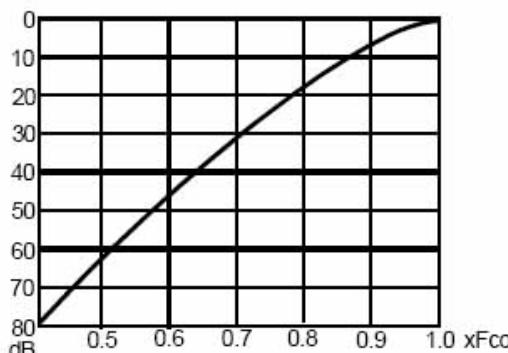




F_{co}
between
35 and 149MHz

Highpass Standard Filter
Chebyshev Design
4 Section

OHP Series
SMA/N connectors



Mounting Holes Ø = 2.1 mm

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

| Model Number | Passband MHz | Max. Insertion Loss | | | Reject Attenuation | |
|------------------|--------------|---------------------|---------------------------|--------------------------|---------------------------------------|---|
| | | at F _{co} | at 1.03 x F _{co} | at 1.1 x F _{co} | 40 dB min. at 0.645 x F _{co} | 60 dB min. from DC to 0.525 x F _{co} |
| OHP 35-4 | 35 to 1000 | 0.87 dB | 0.73 dB | 0.56 dB | 22.6 MHz | DC to 18,4 MHz |
| OHP 40-4 | 40 to 1000 | 0.80 dB | 0.68 dB | 0.54 dB | 25.8 MHz | DC to 21,0 MHz |
| OHP 45-4 | 45 to 1000 | 0.73 dB | 0.63 dB | 0.52 dB | 29.0 MHz | DC to 23,6 MHz |
| OHP 50-4 | 50 to 1250 | 0.65 dB | 0.58 dB | 0.51 dB | 32.3 MHz | DC to 26,3 MHz |
| OHP 55-4 | 55 to 1250 | 0.65 dB | 0.58 dB | 0.51 dB | 35.5 MHz | DC to 28,9 MHz |
| OHP 60-4 | 60 to 1250 | 0.65 dB | 0.58 dB | 0.51 dB | 38.7 MHz | DC to 31,5 MHz |
| OHP 65-4 | 65 to 1500 | 0.65 dB | 0.58 dB | 0.51 dB | 41.9 MHz | DC to 34,1 MHz |
| OHP 70-4 | 70 to 1500 | 0.65 dB | 0.58 dB | 0.51 dB | 45.2 MHz | DC to 36,8 MHz |
| OHP 75-4 | 75 to 1500 | 0.65 dB | 0.58 dB | 0.51 dB | 48.4 MHz | DC to 39,4 MHz |
| OHP 80-4 | 80 to 1500 | 0.65 dB | 0.58 dB | 0.51 dB | 51.6 MHz | DC to 42,0 MHz |
| OHP 90-4 | 90 to 1500 | 0.65 dB | 0.58 dB | 0.51 dB | 58.1 MHz | DC to 47,3 MHz |
| OHP 100-4 | 100 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 64.5 MHz | DC to 52,5 MHz |
| OHP 110-4 | 110 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 71.0 MHz | DC to 57,8 MHz |
| OHP 120-4 | 120 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 77.4 MHz | DC to 63,0 MHz |
| OHP 130-4 | 130 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 83.9 MHz | DC to 68,3 MHz |
| OHP 140-4 | 140 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 90.3 MHz | DC to 73,5 MHz |
| OHP 150-4 | 150 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 96.8 MHz | DC to 78,8 MHz |
| OHP 160-4 | 160 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 103.0 MHz | DC to 84,0 MHz |
| OHP 170-4 | 170 to 2000 | 0.56 dB | 0.51 dB | 0.49 dB | 109.0 MHz | DC to 89,3 MHz |