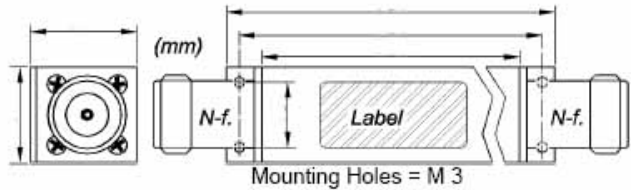
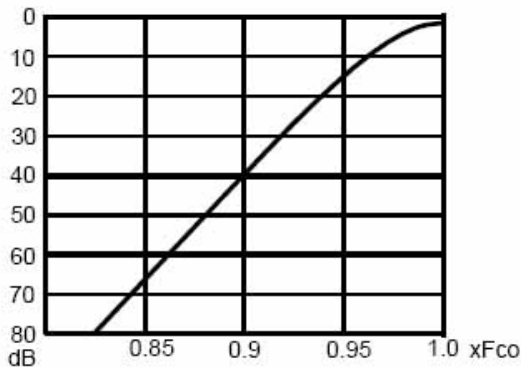




Fco
between
35 and 149MHz

Highpass Standard Filter
Chebyshev Design
10 Section

OHP Series
SMA/N connectors



Connector Codes:**
 E (N-female) F (N-male) S (SMA-female) T (SMA-male)

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.

| Model Number | Passband MHz | Max. Insertion Loss | | | Reject Attenuation | |
|--------------|--------------|---------------------|---------------|--------------|---------------------------|------------------------------------|
| | | at Fco | at 1.03 x Fco | at 1.1 x Fco | 40 dB min. at 0.9 x Fco = | 60 dB min. from DC to 0.86 x Fco = |
| OHP 35-10 | 35 to 650 | 3.80 dB | 2.43 dB | 1.68 dB | 31.5 MHz | DC to 30.1 MHz |
| OHP 40-10 | 40 to 650 | 3.55 dB | 2.25 dB | 1.55 dB | 36 MHz | DC to 34.4 MHz |
| OHP 45-10 | 45 to 650 | 3.27 dB | 2.06 dB | 1.43 dB | 40.5 MHz | DC to 38.7 MHz |
| OHP 50-10 | 50 to 800 | 2.96 dB | 1.87 dB | 1.30 dB | 45 MHz | DC to 43 MHz |
| OHP 55-10 | 55 to 800 | 2.96 dB | 1.87 dB | 1.30 dB | 49.5 MHz | DC to 47.3 MHz |
| OHP 60-10 | 60 to 800 | 2.87 dB | 1.80 dB | 1.26 dB | 54 MHz | DC to 51.6 MHz |
| OHP 65-10 | 65 to 800 | 2.87 dB | 1.80 dB | 1.26 dB | 58.5 MHz | DC to 55.9 MHz |
| OHP 70-10 | 70 to 1000 | 2.85 dB | 1.73 dB | 1.21 dB | 63 MHz | DC to 60.2 MHz |
| OHP 75-10 | 75 to 1000 | 2.66 dB | 1.64 dB | 1.16 dB | 67.5 MHz | DC to 64.5 MHz |
| OHP 80-10 | 80 to 1250 | 2.57 dB | 1.56 dB | 1.10 dB | 72 MHz | DC to 68.8 MHz |
| OHP 90-10 | 90 to 1250 | 2.47 dB | 1.48 dB | 1.06 dB | 81 MHz | DC to 77.4 MHz |
| OHP 100-10 | 100 to 1500 | 2.37 dB | 1.40 dB | 1.02 dB | 90 MHz | DC to 86 MHz |
| OHP 110-10 | 110 to 1500 | 2.37 dB | 1.40 dB | 1.02 dB | 99 MHz | DC to 94.6 MHz |
| OHP 120-10 | 120 to 1500 | 2.14 dB | 1.35 dB | 1.00 dB | 108 MHz | DC to 103 MHz |
| OHP 130-10 | 130 to 1500 | 2.14 dB | 1.35 dB | 1.00 dB | 117 MHz | DC to 112 MHz |
| OHP 140-10 | 140 to 1500 | 1.90 dB | 1.30 dB | 0.98 dB | 126 MHz | DC to 120 MHz |