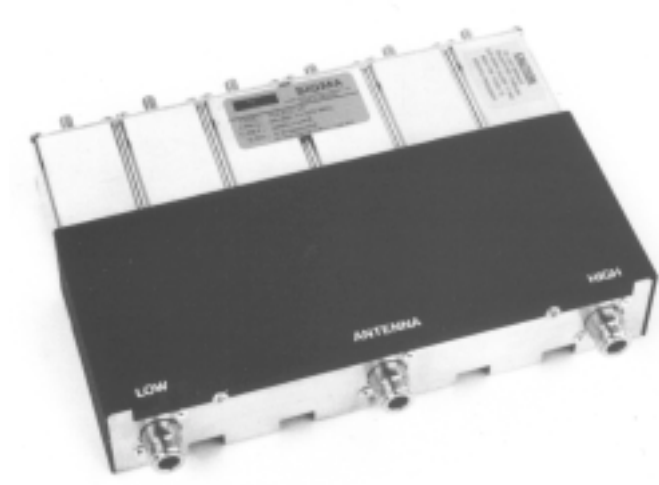




Duplexfilter
Sigma TCL 810 Series 68 - 88 MHz



| | |
|---|-----------------|
| Frequency range | 68 – 88 MHz |
| Maximum insertion loss Transmitter – antenna Receiver - antenna | 1dB 1dB |
| Minimum isolation Transmitter – antenna Receiver – antenna | 80 dB 80 dB |
| Maximum VSWR | 1,5:1 |
| Operating Temperature Range | -20° C - +55° C |
| Maximum input power | 100 W |
| Impedance | 50 ohms |

| STANDARD MODELS | | |
|-----------------|-----------|------------------------------------|
| Frequency range | Model | Nominal TX/RX frequency separation |
| 68-83 | TCL810/5L | 4-6 MHz |
| 73-88 | TCL810/5H | 4-6 MHz |
| 68-88 | TCL810/10 | 9-11 MHz |
| 68-88 | TCL81013 | 12-14 MHz |

| | |
|------------------------------|-------------------|
| Type of resonator | Helical |
| Number of Cavities | 6 |
| Connector sockets | Type N |
| Overall dimensions H x W x D | 44 x 235 x 220 mm |
| Weight | 2 kg |

Typical Response Curves – TCL810

