

# Weiche für Relaisstellen

Preise einschl. Mehrwertsteuer



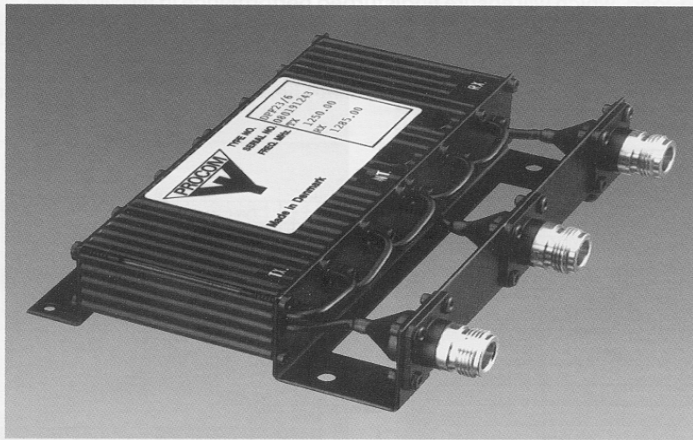
## DPF 23/6

### 6-Cavity Duplexer for the 23 cm Amateur Radio Band



**DESCRIPTION:**

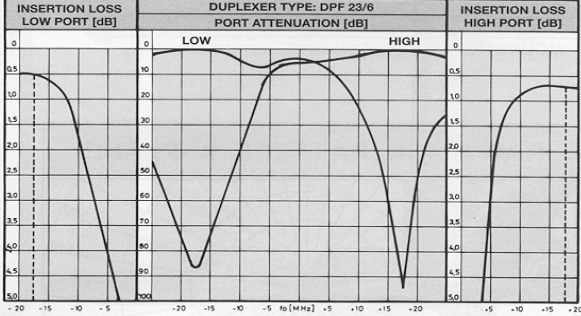
- ★ The DPF 23/6 is a 6-cavity duplex filter for the 23 cm amateur band.
- ★ The DPF 23/6 can be tuned within the 1240-1300 MHz amateur band with a nominal duplex separation of 35 MHz.
- ★ The filter uses full-length  $1/4 \lambda$  cavities in a compact, extruded aluminium housing. The chassis is made of passivated steel, and teflon insulation has been applied in the rigid coaxial cables and in the connectors.
- ★ The filter is black vinyl coated to prevent corrosion.



**SPECIFICATIONS:**

| ELECTRICAL                                                  |                                         |
|-------------------------------------------------------------|-----------------------------------------|
| TX/RX FREQUENCY                                             | 1240-1300 MHz                           |
| MAX. INPUT POWER                                            | 50 watt                                 |
| NOM. SPACING TX-RX                                          | 35 MHz                                  |
| INSERTION LOSS TX-ANT AND ANT-RX                            | $\leq 1.0$ dB (typically $\leq 0.7$ dB) |
| TX-NOISE SUPPRESSION ON RX-FREQUENCY (SINGLE CHANNEL TUNED) | $\geq 85$ dB                            |
| RX ISOLATION ON TX-FREQUENCY (SINGLE CHANNEL TUNED)         | $\geq 85$ dB                            |
| DUPLEX SPACING                                              | 35 MHz (nominal)                        |
| IMPEDANCE                                                   | Nom. 50 $\Omega$                        |
| SWR                                                         | $\leq 1.5$                              |
| MECHANICAL                                                  |                                         |
| TEMPERATURE RANGE                                           | -30° C $\rightarrow$ +60° C             |
| FREQUENCY STABILITY                                         | Approx. 5 ppm/° C                       |
| CONNECTORS                                                  | N-female                                |
| DIMENSIONS (L x W x H)                                      | 135 x 154 x 33 mm                       |
| WEIGHT                                                      | Approx. 620 g                           |

**TYPICAL RESPONSE CURVES @ 35 MHz DUPLEX SPACING:**



Die Duplexweiche ist für einen Kanalabstand zwischen Sende- und Empfangsfrequenz von 28MHz ausgelegt. Alle Weichen werden mit N-Buchsen geliefert.

| Typ:      | Nummer  | Kurzdaten                            | Preis:   | Neu |
|-----------|---------|--------------------------------------|----------|-----|
| DFP23/6S  | 1007553 | Duplexweiche für 1240MHz – 1300MHz   | 275,00 € |     |
| DFP-Abgl. | 1007552 | Abgleich der Weiche mit Meßprotokoll | 42,00 €  |     |