

DPF 70/6...

Duplexeur 6 cavités pour la bande des 450 MHz



ORDERING DESIGNATION

TYPE	PRODUCT NO.	DUPLEX SPACING (MHZ)
DPF 70/6 - 5/7	200000385	5 - 7
DPF 70/6 - 7/9	200000400	7 - 9
DPF 70/6 - 9/13	200000407	9 - 13
DPF 70/6 - 13/16	200000417	13 - 16

SPECIFICATIONS

ELECTRICAL	
MODEL	DPF 70/6...
TX/RX FREQUENCY	406 - 470 MHz
MAX. INPUT POWER	50 W
TX NOISE SUPPRESSION ON RX-FREQUENCY	
Single-channel tuned:	≥ 85 dB
Multi-channel tuned, 2 MHz BW:	≥ 65 dB
INSERTION LOSS TX-ANT AND ANT-RX (at 10 MHz duplex spacing)	
Single-channel tuned:	≤ 1.2 dB (typ. 1.0 dB)
Multi-channel tuned, 2 MHz BW:	≤ 1.2 dB (typ. 1.0 dB)
RX ISOLATION ON TX-FREQUENCY	
Single-channel tuned:	≥ 85 dB
Multi-channel tuned, 2 MHz BW:	≥ 65 dB
IMPEDANCE	Nom. 50 Ω
SWR (All ports)	≤ 1.5
MECHANICAL	
TEMP. RANGE	-30° C → +60° C
FREQ. STABILITY	Approx. 4.5 ppm/° C
CONNECTIONS	BNC-female
DIMENSIONS (L x W x H)	226 x 154 x 33 mm
WEIGHT	Approx. 990 g

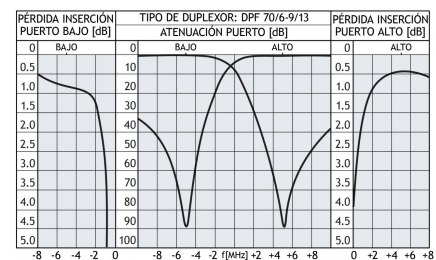
ORDERING INFORMATION

When ordering, please use the table above to select the appropriate ordering designation for the desired filter type. If duplex TX and RX frequencies are stated when ordering, the duplexers are delivered factory adjusted. If TX and RX frequencies are not stated, the filters are delivered non-adjusted.

PLEASE NOTE

Special configurations of this filter type may be quoted on request. For instance, the filter can be delivered with other connector types, or with flying leads (RG 316 coaxial cable) terminated with connectors or for soldering-connection.

TYPICAL RESPONSE CURVES @ 10 MHz SPACING



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18/02/13