



Diplexer 2m/70cm DIP-2/70-100

107497, Moscow Chernicinsky pr-d 7/1
 Tel.: (495) 775-43-19, 462-44-14
 Tel./fax 462-44-14
 E-mail: radial@radial.ru
www.radial.ru

Please visit our partner in EU
www.duplexers.eu



Electrical specifications

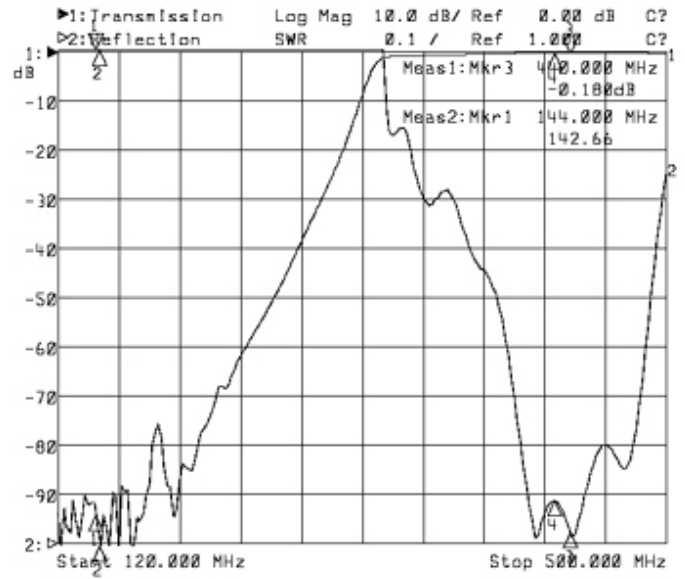
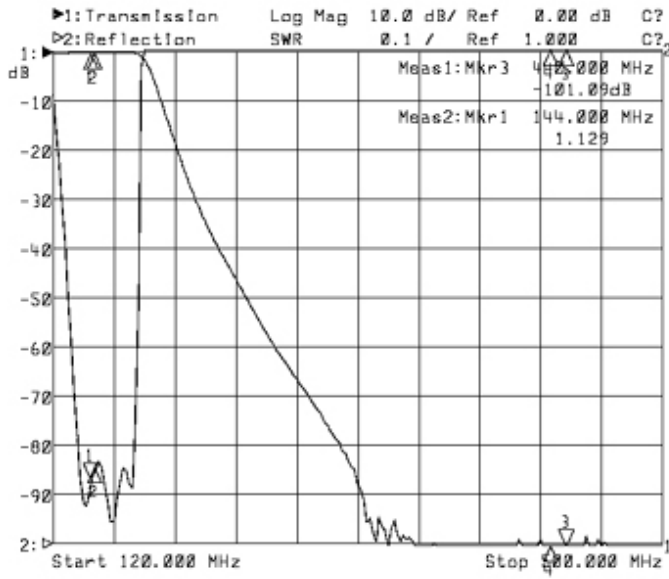
Model	DIP-2/70-100
Low band	120-150
High band	430-450
Insertion loss (adjustable) not more, dB	0.2
Isolation, not less, dB	90
VSWR, not more than	1.2
Input power, not more, W	100
Impedance, Ohm	50
Temperature range, °C	From -20 to +40
Schematic diagram	Chebyshev 7 steps

Mechanical specifications

Model	DIP-2/70-100
Weight, kg	1.1
Application	Indoor
Connector	N-female
Mount to 19-inch rack	optional
Dimensions, cm	22x12x4.5

Diplexer - the device of addition of two radio signals of various ranges. The given model differs from numerous cheap commercial diplexers the high operational characteristics. Namely - depth rejection an opposite range makes more than 90-100 dB! It is reached by application 7th steps LC filters with characteristic Chebishev. Used multitaround condensers with high jet power allow to pass signals of transmitters with power up to 100 watt. Such diplexers well approach for transfer on one cable in one two-

Typical duplexers response curves



2009