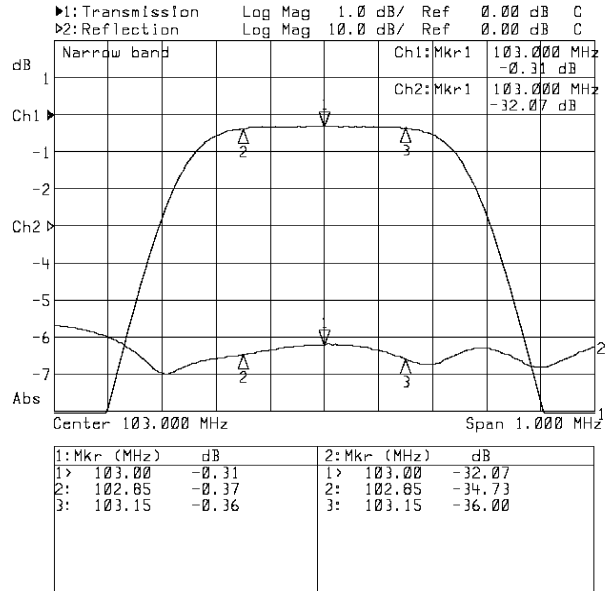


# Technical data sheet

Part Number **20041/3-DP618**

Double bridge configuration

## FM-Radio Band II 40+100kW COMBINER Bridge Diplexer



### Mechanical Characteristics

#### Connections

Input narrowband	EIA 3 1/8" male
Input broadband	EIA 6 1/8" female
Output	EIA 6 1/8" female

Overall dimensions [WxDxH] [mm.] 1700x1400x1725

Temperature range [C°] -10 ÷ 50

Weight [kg.] 355

### Electrical Characteristics

Frequency Range [MHz] 87.5 ÷ 108

Narrow-band Insertion Loss [dB] < 0.35

Broad-band Insertion Loss [dB] < 0.2

Minimum distance between Channels [MHz] 0.8

Insulation NB>BB [dB] > 40

Insulation BB>NB [dB] > 50

Return loss by Channels [dB] > 26

Input/Output Impedance [Ohm] 50

Narrow-band Maximum Power [W] 40000

Broad-band Maximum Power [W] 100000

Maximum Output Power [W] 140000

Max. Group Delay Variation [ns] 25

