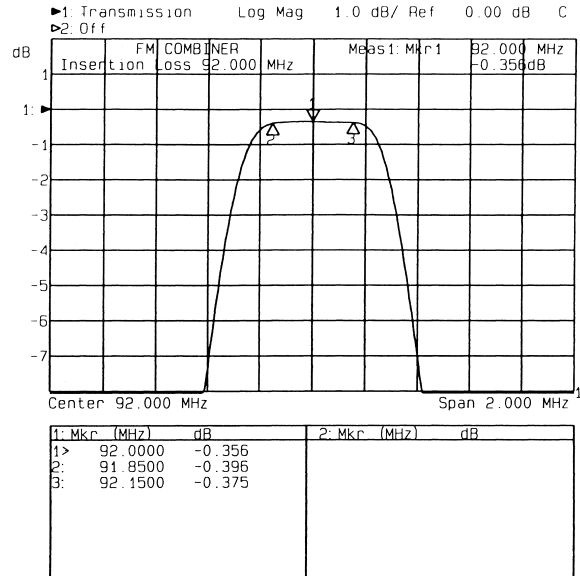
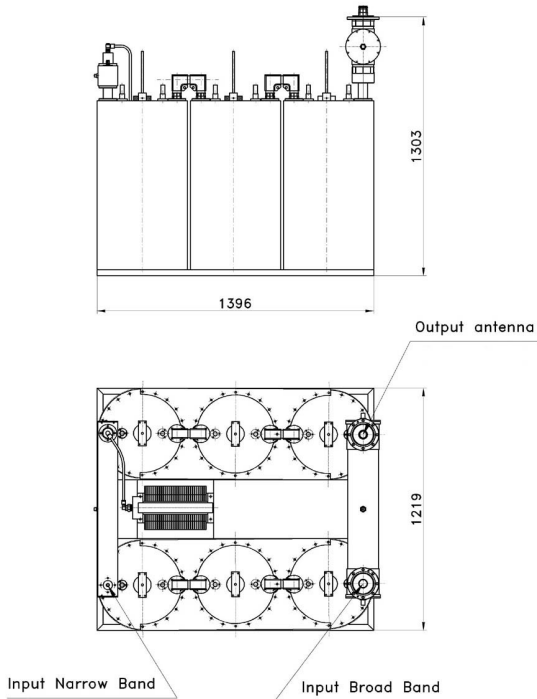


# Technical data sheet

Part Number **20031/3-DP412**

Double bridge configuration

## FM-Radio Band II 20+60kW COMBINER Bridge Diplexer



### Mechanical Characteristics

#### Connections

<i>Input narrowband</i>	EIA 3 1/8" or 1 5/8"
<i>Input broadband</i>	EIA 3 1/8" or 4 1/2"
<i>Output</i>	EIA 4 1/2"

Overall dimensions [WxDxH] [mm.] 1396x1219x1303

Temperature range [C°] -10 ÷ 50

Weight [kg.] 245

### 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] > 30

Insulation BB>NB [dB] > 45

Return loss by Channels [dB] > 26

Input/Output Impedance [Ohm] 50

Narrow-band Maximum Power [W] 20000

Broad-band Maximum Power [W] 60000

Maximum Output Power [W] 80000

Max. Group Delay Variation [ns] 25

