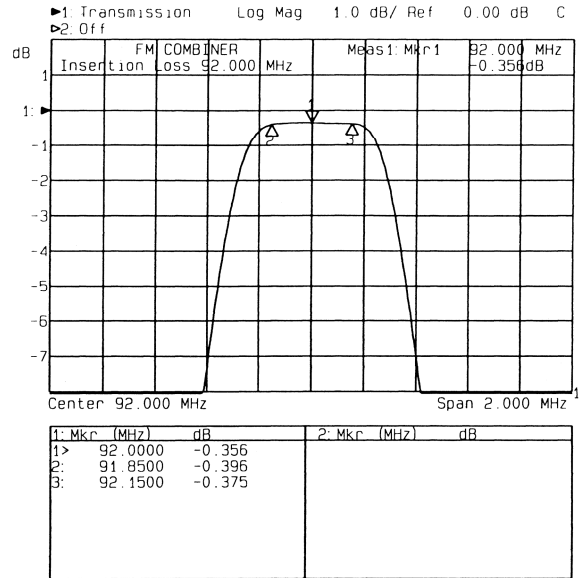


# Technical data sheet

Part Number **20031/3-DP**

Double bridge configuration

## FM-Radio Band II 20+30kW 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"
<i>Output</i>	EIA 3 1/8"

Overall dimensions [WxDxH] [mm.]	1396x1219x1322
Temperature range [C°]	-10 ÷ 50
Weight [kg.]	235

### 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]	> 40
Return loss by Channels [dB]	> 26
Input/Output Impedance [Ohm]	50
Narrow-band Maximum Power [W]	20000
Broad-band Maximum Power [W]	30000
Maximum Output Power [W]	50000
Max. Group Delay Variation [ns]	25

