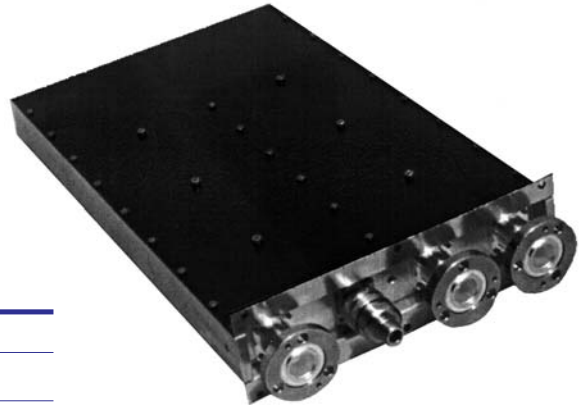


Model COUP3DB5KW-COUP3DB15KW COUP3DB45KW-COUP3DB80KW

- -3 dB Couplers
- FM Band 87.5÷108 Mhz

• Special version available on request



COUP3DB5KW

TYPICAL SPECIFICATIONS

Model	COUP3DB5KW	COUP3DB15KW	COUP3DB45KW	COUP3DB80KW
Frequency Range	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz
Directivity	≥ 32dB	≥ 35dB	≥ 35dB	≥ 35dB
Impedance	50 ohm	50 ohm	50 ohm	50 ohm
VSWR ± 150 KHz	1.1:1 max	1.1:1 max	1.1:1 max	1.1:1 max
Return Loss ± 150 KHz	≤ -26 dB	≤ -26 dB	≤ -26 dB	≤ -26 dB
Coupling	-3 dB ± 0.25 dB	-3 dB ± 0.25 dB	-3 dB ± 0.25 dB	-3 dB ± 0.25 dB
Connectors	Input - Output 7/8"	Input - Output 1+5/8"	Input - Output 3+1/8"	Input 3+1/8"-Output 6+1/8"
Max Power	5 KW	15 KW	45 KW	80 KW

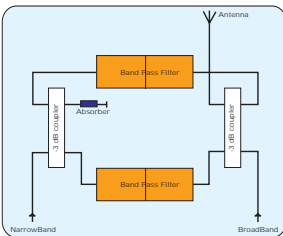
*Input 1+5/8" - Output 3+1/8"

GENERAL SPECIFICATIONS

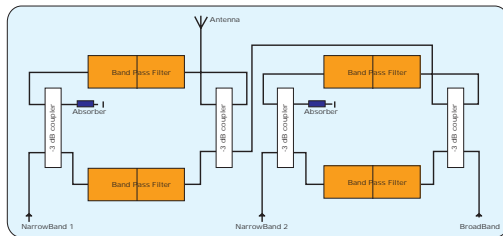
Temperature Range	-20°C + +50°C
Color	Enamel gray ral 7001
Materials	Aluminium, silver brass, copper, PTFE, stainless steel, silver plated (min 12µ thickness)

Model	Dimension	Net Weight
COUP3DB5KW	460x260x40 mm (18.1x10.2x1.6 inch) (HxLxW)	≅ 4 Kg
COUP3DB15KW	490x450x80 mm (19.3x17.7x3.2 inch) (HxLxW)	≅ 8 Kg
COUP3DB45KW	870x410x150 mm (34.3x16.1x5.9 inch) (HxLxW)	≅ 15 Kg
COUP3DB80KW	870x450x150 mm (34.3x17.7x5.9 inch) (HxLxW)	≅ 25 Kg

TYPICAL APPLICATIONS

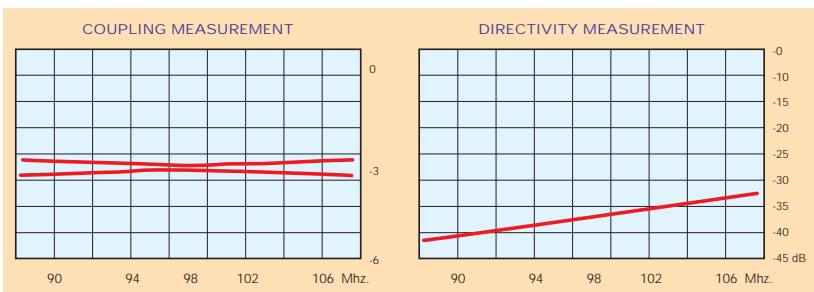


DIPLEXER



TRIPLEXER

TYPICAL RESPONSES



"These specifications are subject to change without notice"