



Features

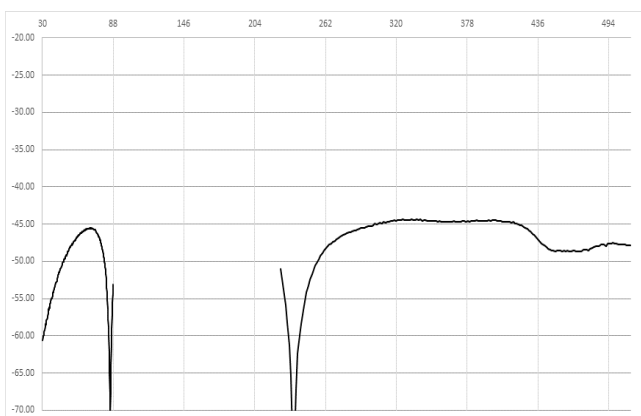
- Diplexer for combining two radios into a single antenna
- VHF - 30-88 MHz
UHF - 225-512 MHz
- High isolation, low loss
- DIPLEX 88225-ATT includes a 1dB attenuator on the VHF port for improved VSWR

Electrical specifications

DIPLEX 88225		
Band	VHF	UHF
Frequency range	30-88 MHz	225-512 MHz
VSWR	< 1.3	< 1.3
Nominal impedance	50 Ω	50 Ω
Power rating	80 W	50 W
Insertion loss	< 0.3 dB	< 0.3 dB
Isolation	> 40 dB	> 40 dB
Connector	N (f)	N (f)

DIPLEX 88225-ATT		
Band	VHF	UHF
Frequency range	30-88 MHz	225-512 MHz
VSWR	< 1.3	< 1.3
Nominal impedance	50 Ω	50 Ω
Power rating	80 W	50 W
Insertion loss	1 to 1.3 dB	< 0.3 dB
Isolation	> 40 dB	> 40 dB
Connector	N (f)	N (f)

Isolation (typical)



Mechanical specification (common)

Design	Aluminum housing
Dimensions housing	120 x 55 x 24 mm
Dimension overall	120 x 55 x 48 mm
Weight	490g
Temperature range	-55°C to +71°C, -67°F to +160°F