

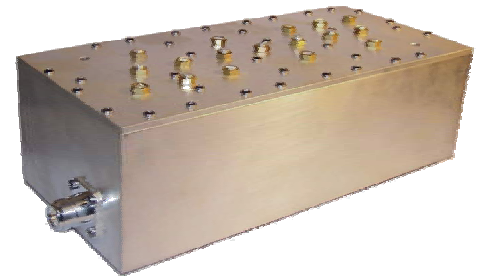


WIRELESS PRODUCTS

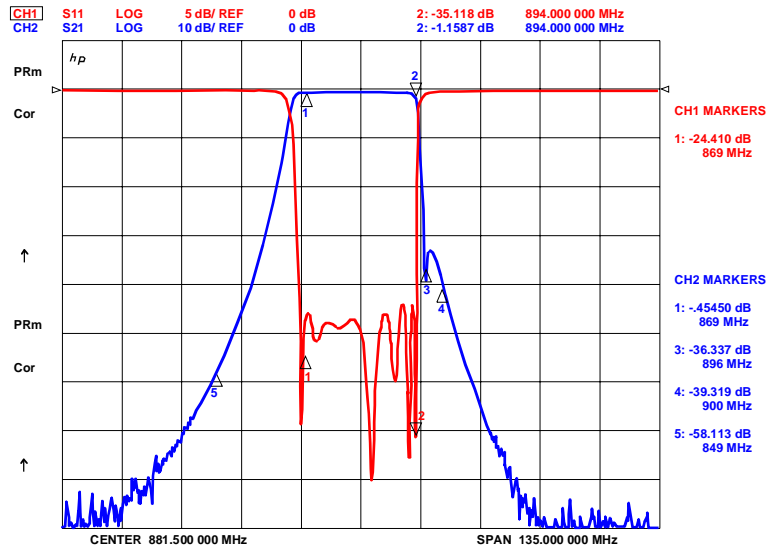
850 Band Transmit Filter

ClearComm Technologies' model number **CCTF-72** is a highly selective transmit band filter. It is designed to pass the full transmit band from 869 to 894 MHz with an insertion loss of 1.2 dB maximum. The unit has been specifically designed to prevent interference in the 896 to 902 MHz band. Attenuation of signals in the receive band of 824-849 MHz is over 50 dB. Power handling is 250 Watts average or CW and 5 kW peak. The approximate size of the unit is 10.0" x 4.5" x 3.5". Type 'N' female connectors are provided on the unit. Mounting options include rack mountable, ladder suspension as well as customized mechanical configurations. For requirements specific to your needs, please contact ClearComm Technologies, LLC.

PARAMETER	SPECIFICATION
PASSBAND	869 – 894 MHz
PASSBAND INSERTION LOSS	1.2 dB Max.
INSERTION LOSS VARIATION	0.8 dB Max.
PASSBAND RETURN LOSS	18 dB Min
REJECTION	
824 - 849 MHz	50 dB Min.
896 - 902 MHz	30 dB Min.
910 - 910 MHz	35 dB Min.
PASSIVE INTERMODS (with two +43 dBm tones)	-110 dBm (as measured in Rx band)
POWER HANDLING	250 W Avg. / CW 5000 W Peak
OPERATING TEMPERATURE	0° to +60° C
CONNECTORS	Type 'N' Female
DIMENSIONS	10.0" x 4.5" x 3.5" (See Outline)
AVAILABLE OPTIONS	<ul style="list-style-type: none"> • Mounting, Tower, Cable Tray, Ladder or Rack Mount Options Available



TYPICAL PERFORMANCE DATA



OUTLINE DIMENSIONS

