



WIRELESS PRODUCTS

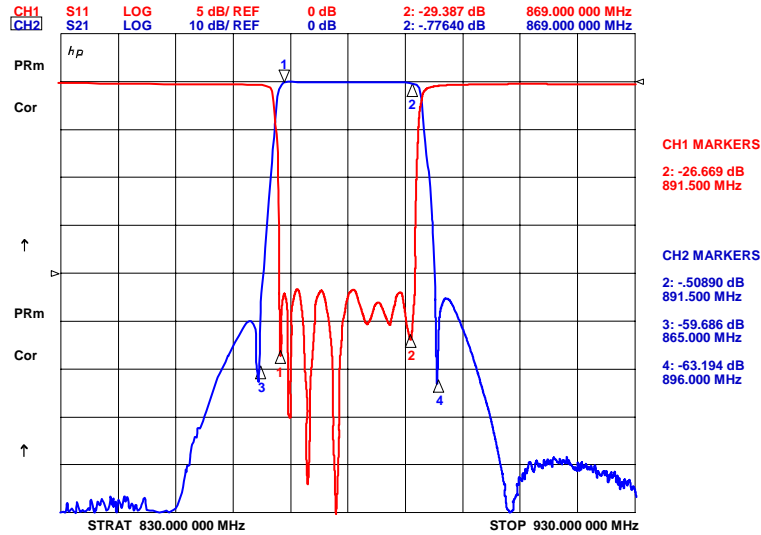
850 A Band Transmit Filter

ClearComm Technologies' model number **CCTF-101** is a highly selective, A-Band transmit band filter. It offers low insertion loss combined with specific, out of band rejection. The filter is designed to pass the full transmit band from 869 to 891.5 MHz with an insertion loss of 1.0 dB maximum. Attenuation of signals in the receive band of 824-849 MHz is over 80 dB. Rejection is provided immediately above and below the passband to filter spurious signals. The unit has been designed for high power applications. Power handling is 800 Watts average or CW and 12.5 kW peak. The approximate size of the unit is 15.8" x 8.0" x 2.9". 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 – 891.5 MHz
PASSBAND INSERTION LOSS	1.0 dB Max.
INSERTION LOSS VARIATION	0.75 dB Max.
PASSBAND RETURN LOSS	18 dB Min
REJECTION	
DC – 824 MHz	90 dB Min.
824 - 849 MHz	80 dB Min.
849 – 865 MHz	40 dB Min,
896 – 898 MHz	20 dB Min.
898 – 900 MHz	35 dB Min.
968 – 2000 MHz	40 dB Min
2000 – 2500 MHz	40 dB Min.
POWER HANDLING	800 W Avg. / CW 12.5 kW Peak
OPERATING TEMPERATURE	0° to +60° C
CONNECTORS	Type 'N' Female
DIMENSIONS	15.8" x 8.0" x 2.9" (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

