



WIRELESS PRODUCTS

850 B Band Transmit Filter

ClearComm Technologies' model number **CCTF-79** is a highly selective, B-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 880 to 894 MHz with an insertion loss of 1.15 dB maximum. Attenuation of signals in the receive band of 824-849 MHz is over 95 dB. Rejection is provided immediately above and below the passband to filter spurious signals. The unit has been specifically designed for high power applications. Power handling is 700 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 with 7/16 DIN females available as an option. 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	880 – 894 MHz
PASSBAND INSERTION LOSS	1.15 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	95 dB Min.
849 – 878 MHz	30 dB Min,
896 – 925 MHz	30 dB Min.
925 – 1000 MHz	90 dB Min.
1000 – 2700 MHz	60 dB Min.
POWER HANDLING	700 W Avg. / CW 12.5 kW Peak
OPERATING TEMPERATURE	0° to +60° C
CONNECTORS	Type 'N' Female • Optional 7/16 DIN Female Connectors
DIMENSIONS	15.8" x 8.0" x 2.9" (See Outline)
AVAILABLE OPTIONS	• Mounting, Tower, Cable tray, Ladder or Rack Mount Options Available

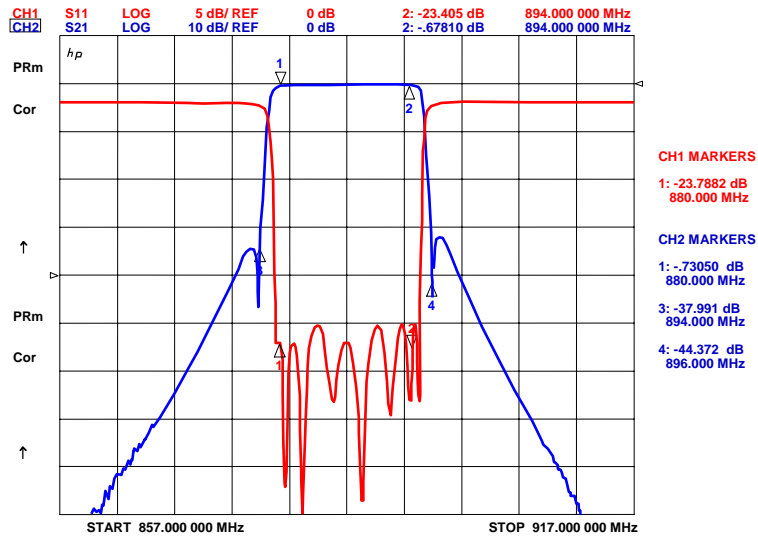




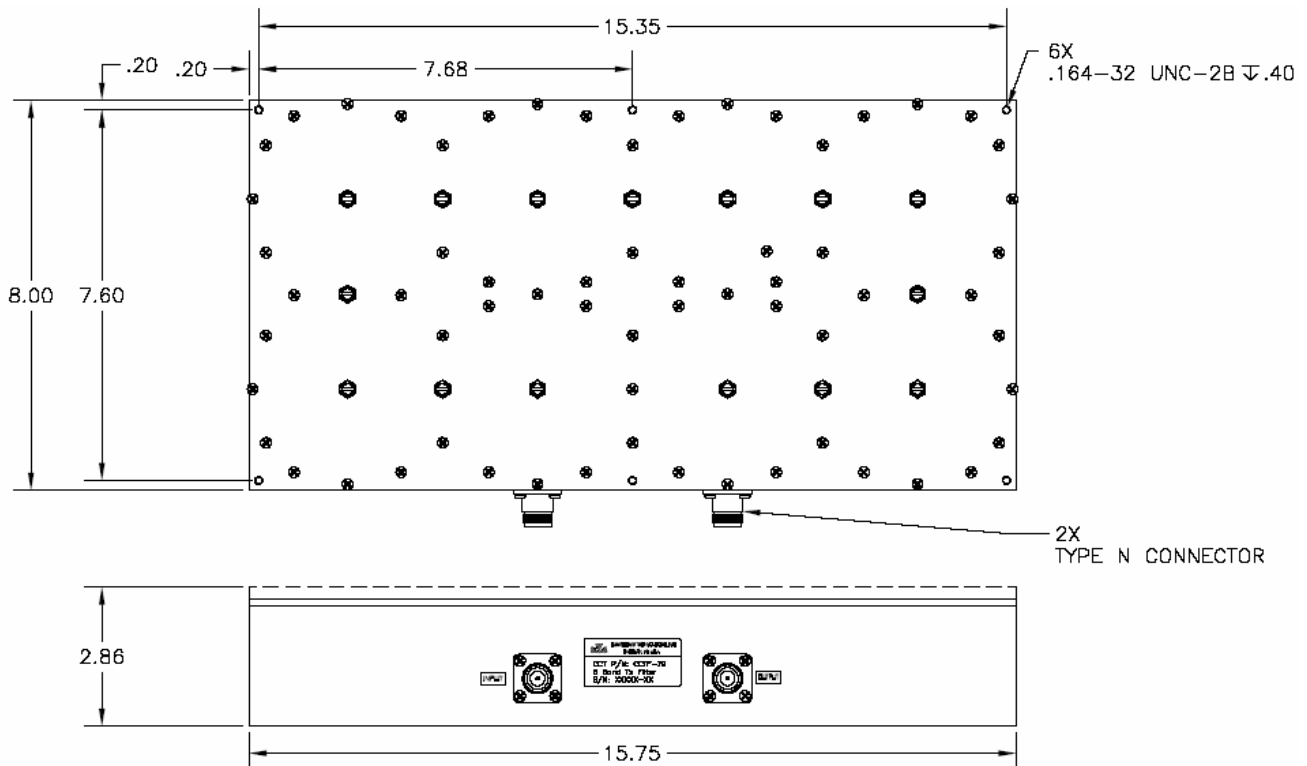
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TYPICAL PERFORMANCE DATA



OUTLINE DIMENSIONS



28410 Crown Road
 Tel: 410-860-0500
 Web: www.clearcommtech.com

ClearComm Technologies, LLC
Clearly the Choice!

Fruitland, MD 21826
 Fax: 410-860-9005
 E-Mail: sales@clearcommtech.com