

Reactel, Incorporated

Reacting First to All Your Filter Needs.

Cavity Bandpass Filter for ETCS

10CX9-881-X88N11-R

This filter is intended for European Train Control System schemes and is the right solution for those working in this market. This RoHS compliant filter features low loss and high selectivity, while reducing GSM interference and will integrate into existing architecture easily. Reactel manufactures a variety of filters, multiplexers and multifunction assemblies suitable for ETCS programs; please contact the factory with your specifications.

Specifications

| | |
|-----------------------|--|
| Center Frequency | 881 MHz |
| Passband | 837 – 924.9 MHz, minimum |
| Insertion Loss | ≤ 1.0 dB @ 837 – 880 MHz ≤ 2.0 dB @ 880 – 894 MHz ≤ 2.5 dB @ 924 – 924.5 MHz ≤ 3.0 dB @ 924.5 – 925.9 MHz |
| Attenuation | ≥ 10 dB @ 926 MHz ≥ 30 dB @ 927 – 960 MHz |
| VSWR | ≤ 1.5:1 @ Passband |
| Power | 8 W CW |
| Operating Temperature | -40° to +70° C |
| Connectors | Type N Female in / out |
| Weight | 3.5 kg, maximum |
| Size | 2.38" high x 3.5" wide x 9.73" long, nominal excluding connectors |