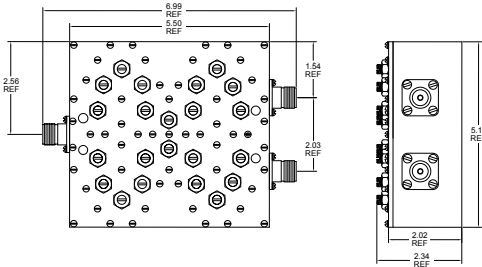


GSM-900 Filters

(E) GSM-900 Diplexer



Model 14540

Combining (2) highly selective bandpass filters in (1) configuration, this diplexer allows the cellular operator to receive and transmit without interference to or from all other communications from DC to 2000 MHz.

- GSM-900 and EGSM-900 compatible.

Specifications:

Passband:

Receive: 880-915 MHz

Transmit: 925-960 MHz

Passband Insertion Loss: 1.2 dB (Max)

Passband Return Loss: 18 dB (Min)

Common Out to Receive Rejection:

DC-845 MHz: 40 dB (Min)

925-2000 MHz: 40 dB (Min)

Common Out to Transmit Rejection:

DC-915 MHz: 40 dB (Min)

995-2000 MHz: 40 dB (Min)

Transmit to Receive Isolation: ... 40 dB (Min)

Maximum Transmit Power Handling:

CW..... 20 Watts

Peak Instantaneous 200 Watts

Operating Temperature: 0°C to +50°C

Storage Temperature: -40°C to +85°C

Operating Humidity: Up to 90%, Non-Condensing

Connectors:..... N Female

Impedance:..... 50 ohms



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