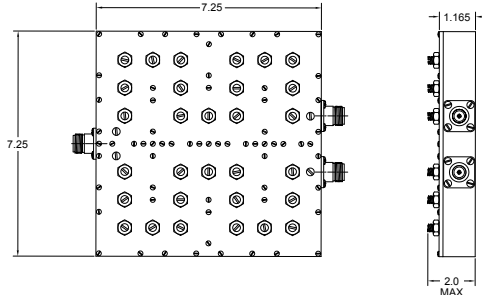
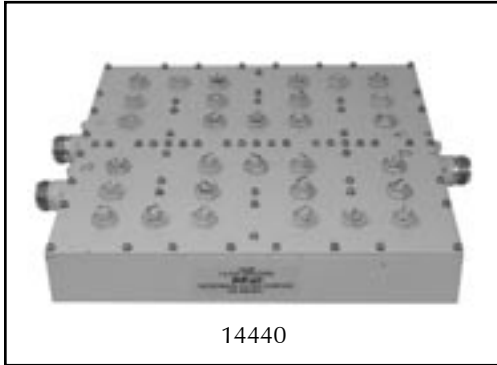


# PCS-1900 Diplexer

## PCS Diplexer



## Model 14440

This diplexer not only provides superior isolation between the (PCS) Transmit and Receive Bands, but also suppresses potential interference from other transmission sources outside of the PCS band.

### Specifications:

#### Passband:

Receive: ..... 1850-1910 MHz

Transmit: ..... 1930-1990 MHz

Passband Insertion Loss: ..... 1.0 dB (Max)

Passband Return Loss: ..... 18 dB (Min)

#### Common Out to Receive Rejection:

DC-1830 MHz: ..... 60 dB (Min)

1930-1990 MHz: ..... 75 dB (Min)

1990-3930 MHz: ..... 55 dB (Min)

#### Common Out to Transmit Rejection:

DC-1910 MHz: ..... 75 dB (Min)

2010-3980 MHz: ..... 55 dB (Min)

Transmit to Receive Isolation: ... 75 dB (Min)

#### Maximum Transmit Power Handling:

CW..... 50 Watts

Peak Instantaneous ..... 800 Watts

Operating Temperature: ..... -25°C to +70°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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