This product was designed for use in WIMAX base stations receiving and transmitting broadband information in the (3.4 - 3.43) GHz / (3.5 - 3.53) GHz bands.

These bands are mutually isolated by a minimum of 55 dB with a maximum 1 dB of insertion loss in each band. The use of modern design & production methods yields a compact-sized diplexer with a 4” x 3” x 1.25” footprint.

Contact our Sales Dept. for further information.
SPECS:

- **FREQUENCY BANDS**: 3400–3430 MHz / 3500–3530 MHz
- **PASSBAND INSERTION LOSS**: 1.0 dB Typ
- **PASSBAND VSWR**: 1.5:1 MAX
- **INPUT POWER**: 3 WATTS MAX
- **MUTUAL ISOLATION**: 55 dB MIN
- **IMPEDANCE**: 50 OHMS
- **CONNECTORS**: SMA FEMALE
- **OPERATING TEMPERATURE**: -40°C TO +70°C

**ENVELOPE DRAWING**

- **DATE**: 6/24/05
- **TITLE**: DIPLER
- **DRAWING NO.**: 15863
- **REV**: C

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