

Frequency Mixer

ADE-ED9669/1

Level 6 (LO Power +6 dBm)

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



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CASE STYLE : CD636

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | | |
|---------------------------------------|---------------|------|------|------|-------|
| Parameter | | Min. | Typ. | Max. | Units |
| Frequency | LO (fL to fU) | 350 | | 1600 | MHz |
| | RF (fL to fU) | 350 | | 1600 | MHz |
| | IF | 42 | | 146 | MHz |
| Conversion Loss | mid band | | 6.7 | | dB |
| | Total Range | | 7.1 | | dB |
| LO-RF Isolation | | | 33 | | dB |
| LO-IF Isolation | | | 37 | | dB |
| IP3 Input | | | +18 | | dBm |

Note: mid band = [2fL to fU/2]

| MAXIMUM RATINGS | |
|-----------------------|----------------|
| Operating Temperature | -40°C to 85°C |
| Storage Temperature | -55°C to 100°C |

| PIN CONNECTIONS | |
|-----------------|---------|
| LO | 6 |
| RF | 3 |
| IF | 2 |
| GROUND | 1, 4, 5 |