



Distribution Amplifier

L-Band Active Amplification

MDS-DSAM-2182

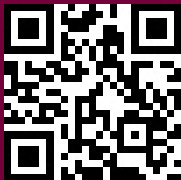


Features

- 50 and 75 Ω versions
- Monitoring Output @ 0dB at the front panel
- Dual redundant power supplies with status alarm output
- Frequency range 950-2150 MHz (others on request)
- LNB-bias current monitoring with alarm function

RF Specifications

- Frequency range: 950 - 2150 MHz
- Input and output connectors: SMA (f)
- Damage level: +10 dBm
- Return loss: > 14 dB
- Insertion loss: \pm 3dB
- Frequency response 950 - 2150 MHz: \pm 1 dB
- Frequency response at any 36 MHz window: \pm 0.3 dB
- Output port isolation: > 25 dB
- Intermodulation distortion @ -10 dBm: < -40 dBc
- Group delay 950 - 2150 MHz: < 5 ns in any 36 MHz window
- Noise figure: < 10 dB
- Bias: maximum 1.2 A; 15 V + 3V per input



Monitoring Port

- Connector: SMA (f)
- Frequency response: input level \pm 1 dB
- Return loss: > 18 dB

Electrical Specs

- Housing: 1 RU, 260 mm deep
- Weight: 3 kg
- Environmental: ETS 300019 Part 1-3 Class 3.1

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