



PORTABLE MICROWAVE LINKS

MLP SERIES

Technical Characteristics

Generals:

Transmitting Output Power:

- MLP 02 models - 0.15 W
- MLP 1 models - 1 W
- MLP 2 models - 2 W
- MLP 4 models - 4 W
- MLP 5 models - 5 W
- MLP 8 models - 8 W

Frequency Range:

- MLP/2G models - 1.3 – 2.7 GHz
- MLP/8G models - 5.4 – 9.9 GHz
- MLP/10G models - 10.0 – 12.7 GHz
- MLP/14G models - 12.8 – 15.0 GHz
- MLP/24G models - 22.5 – 24.5 GHz

Transmitter Characteristics:

- Modulation - CCIR 405/1
- Frequency deviation - ± 20 MHz pp
- RF Output connector - N female
- Video input level - 1 Vpp (75 ohm unbal.)
- Video input connector - BNC
- Video pre-emphasis (bypassable) - C.C.I.R. 625 lines
- Audio input level - From -3 to +12 dBm (600 ohm bal/unbal.)
- Audio input connector - XLR female
- Audio pre-emphasis (bypassable) - 50/75 us
- Audio subcarrier frequencies - 7500, 8065 MHz
- Power supply - 110/220 Vac $\pm 15\%$, 50/60 Hz or ± 24 Vdc

Receiver Characteristics:

- RF Input range - From -90 to -15 dBm (50 ohm)
- RF Input connector - N female
- Video de-emphasis (bypassable) - C.C.I.R. 625 lines
- Video output level - 1 Vpp (75 ohm unbal.)
- Video output connector - BNC
- Audio output level - From -3 to +12 dBm (600 ohm bal/unbal.)
- Audio output connector - XLR female
- Audio de-emphasis (bypassable) - 50/75 us
- Power supply - 110/220 Vac $\pm 15\%$, 50/60 Hz or ± 24 Vdc

Transmitter/Receiver general data:

- Outdoor operating temperature range - $-20 \div +50$ °C
- Outdoor operating humidity range - < 95 %
- TX & RX Dimensions (WxLxH) - 305x400x140 mm