



XLS- 5800PT WIDEBAND MICROWAVE LINK FOR 5.8 GHz

XLS-5800PT is an excellent microwave link for 5.8 GHz. It comes with 0.5 W transmitter with digital display to access any frequency from 5.600 MHz - 5.900 MHz, special receiver with digital display, 2 directional antennas PT-58 ; Capacity: 1 video/2 audio channels, receiver has built-in low noise amplifier for increased sensitivity. Operating frequency: synthesized. This link is Professional and it is recommended for TV production and Film. It is made for very long distances - up to 5 miles line-of-sight. Frequency setting is internal. Both receiver and transmitter are built in weatherproof panel antenna housing.



| Technical Specifications | XLS-5800PT Transmitter |
|--------------------------|------------------------|
| Operating Frequency | 5600 MHz-5900 MHz |
| Channels | All channels |
| Channel Selection | external |
| DC Voltage | 12 V |
| RF output power | 0.5 W |
| Minimum required voltage | 12 V |
| Battery Power | 12 V min |
| Frequency stability | 0.005% |
| Video distortion | 2% |
| Maximum Range | 5 miles max. |
| Video format | NTSC, PAL |
| Current Consumption | 0.8 A |
| Antenna | N/A |
| Impedance | 50 ohms |
| Video connector | Hirose |
| Video level | 1 V |
| Video impedance | 75 ohms |
| Audio frequency response | 20 Hz – 16 kHz |
| Audio input | 300 mV 10K |
| Audio carrier frequency | 6 MHz |
| Temperature Range | -40 + 75 °C |

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|------------|--------------------|
| Dimensions | 8.5" x 1.0" x 8.5" |
| Weight | 2.5 lb |
| Modulation | WFM |

| Technical Specifications | XLS-5800PT Receiver |
|--------------------------|---------------------|
| Operating Frequency | 5600 MHz-5900 MHz |
| Channels | All channels |
| Channel Selection | Display |
| DC Voltage | 12 V |
| Sensitivity | - 92 dBm |
| Minimum required voltage | 12 V |
| Battery Power | 12 V |
| IF frequency | 47 MHz |
| Video distortion | 1% |
| IF bandwidth | 20 MHz |
| Gain flatness | 0.03% |
| Noise | < 2 % |
| Antenna | Directional |
| Impedance | 50 ohms |
| Video connector | Hirosi |
| Video level | 1 V |
| Video impedance | 75 ohms |
| Image rejection | N/A |
| Audio input | 300 mV |
| Audio output | 300 mV |
| Temperature Range | -40 + 75 °C |
| Dimensions | 8.5" x 1.0" x 8.5" |
| Weight | 2.5 lb |
| Modulation | WFM |
| Antenna connector | N/A |

Warning

Our microwave links are built in weatherproof boxes, but they are not waterproof. Please make sure to protect transmitter/receiver boxes from the rain and moisture.