

XLS-5800/H, XLS- 5800/HP

WIDEBAND MICROWAVE LINK FOR 5.8 GHz

5.8 GHz

XLS-5800/H is an excellent microwave link for 5.8 GHz. It comes with 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 20 km line-of-sight. Frequency setting is internal. Both receiver and transmitter are built in weatherproof NEMA enclosures.

FEATURES:

- Digital display available
- 5.8 GHz Band
- Long range
- Portable 12 V battery operated
- Weatherproof
- Broadcast picture quality
- Range 20 miles



Technical Specifications	XLS-5800/H Transmitter
Operating Frequency	5600 MHz-5900 MHz
Channels	All channels
Channel Selection	Internal/ depend on model
DC Voltage	12 V
RF output power	5 W (10 W)
Minimum required voltage	12 V
Battery Power	12 V min
Frequency stability	0.005%
Video distortion	2%
Maximum Range	20 miles max.
Video format	NTSC, PAL
Current Consumption	1.8 A
Antenna	SMA/ N
Impedance	50 ohms
Video connector	BNC
Video level	1 V
Video impedance	75 ohms
Audio frequency response	20 Hz – 16 kHz
Audio input	300 mV 10K K
Audio carrier frequency	6 MHz
Temperature Range	-40 + 75 °C
Dimensions	7.5" x 11" x 3.5"
Weight	5 lb
Modulation	WFM

Technical Specifications	XLS-5800/H 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	BNC
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	7.5" x 11" x 3.5"
Weight	5 lb
Modulation	WFM
Antenna connector	SMA/N

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.



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