

AVO-MIC-WP-F Technical Specification

Microphone Twisted Pair Wall Plate Extender

Rev. 130208

The Intelix AVO-MIC-WP-F microphone balun set transmits a pre-amplified microphone signal and phantom power up to 2,500 feet over standard structured cabling, such as Cat 5. The AVO-MIC-WP-F balun set includes a decora-style wallplate send balun, rack-mountable receive balun, and a power supply; the set is powered on the receive end.



Technical Specifications	
I/O Connections (AVO-MIC-WP-S)	
Audio	One (1) Female XLR
Twisted Pair	One (1) 8P8C port (RJ45)
Gain Adjustment (under Decora insert)	Inset Potentiometer
Phantom Power Switch (under Decora insert)	Two Position Switch
I/O Connections (AVO-MIC-R)	
Audio	One (1) 3 pole Euroblock Connector
Twisted Pair	One (1) 8P8C port (RJ45)
24V AC Power	One (1) 5.5 mm Outside Diameter, 2.5 mm Inside Diameter Barrel
Cable Equalizer Adjustment	Two Position Switch
Supported Audio	
Maximum Distance via Cat 5e	2500 ft.
RJ45 Pin Configuration	Pins 1 and 2: Audio Pins 4 and 5: Power
Audio Frequency Response	20 Hz to 20 kHz
Impedance	600 ohms, unbalanced
Audio Transformer Isolation	500V
Nominal Level	1.0 volts
Insertion Loss	1 dB
Common Mode Rejection	Greater than 40 dB
Chassis and Environmental	
Enclosure	Black ABS plastic
Dimensions (AVO-MIC-WP-S)	102 mm x 36 mm x 43 mm (4 in. x 1.4 in. x 1.7 in.)
Dimensions (AVO-MIC-R)	120 mm x 76mm x 24mm (4.3 in. x 2.5 in. x 1 in.)
Shipping Weight	0.90 kg (1.99 lbs)
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)
Operating Humidity (Environment)	20% to 90%, Non-condensing
Storage Temperature (Environment)	-10° to +60° C (+14° to +140° F)
Power and Regulatory	
Regulatory	RoHS
Power Supply	24V AC / 1A
Other	
Standard Warranty	2 Years
Included Accessories	US Power Supply, Installation Guide
Mounting Solution (for receiver)	AVO-CLIP-F

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5e unless noted otherwise.