OPTIX™ Series 3

Fiber Optic Remote Antenna Distribution System

- OPTIX RF to fiber optic converters can be used on any wireless microphone distribution system to remote receive antennas via single mode ST/UPC terminated fiber cable.
- Attenuators are required for transmit applications, such as IEMs and IFBs. Please exercise caution when using active devices with OPTIX converters. Incorrect configuration can result in product failure and damage and will void the warranty.
- Proper fiber optic hygiene procedures must be used at all times. Microscopic contaminants as small as 9 microns that settle over the optical aperture can compromise performance.
- Factory Presets: DC (0), Gain Adjust (A), Gain Mode, (1), Output Level (2). Changing these settings is only recommended for advanced users. Contact us for more information.

Detailed product information and instructions can be found at:
https://www.rfvenue.com/products/optix

Signal Strength	
0 to -25 dBm Too Strong	Danger of Overload Use Attenuator and Filters
-25 to -30 dBm Very Strong	Filters Recommended Attenuator Optional
-30 to -35 dBm Strong	Filters Recommended
-35 to -100 dBm Weak but Usable	Filters Recommended

Typical Operating frequency	175-213, 470–698, 900-960 MHz
Cable.	single mode ST
Impedance (nom)	50Ω
Max RF input power	< 0 dBm / 1 mW
Operating Input Power Range	-20 to -100 dBm
Usable Dynamic Range	60dB
Noise Floor	-100 dBm
DC operating voltage	5–22 V
Power supply voltage	12.25 VDC
RF Connectors	BNC female
Optical Tx wavelength	1310 nm
Optical connector	ST/UPC

Scan the code for more instructions

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