



OPTIX™

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 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.
- 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.

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

Signal Strength	
0 to -30 dBm Too Strong	Danger of Overload Use Attenuator and Filters
-30 to -60 dBm Very Strong	Filters Recommended Attenuator Optional
-60 to -80 dBm Strong	Filters Recommended
-80 to -110 dBm Weak but Usable	Filters Recommended

Operating frequency.....	470–698 MHz
Cable.....	single mode ST
Impedance (nom).....	50Ω
Max RF input power.....	< 0 dBm / 1 mW
Operating Input Power Range.....	-20 dBm
Usable Dynamic Range.....	60dB
Noise Floor.....	-80 dBm
DC operating voltage.....	7–12 V (6V <u>will not</u> work)
Power supply voltage.....	9VDC
RF Connectors.....	BNC female
Optical Tx wavelength.....	1310 nm
Optical connector.....	ST/UPC