

# FIBER REMOTE

Put your antennas where the action is.

The Fiber Remote Unit allows you to place antennas at a distance from your receivers without compromising signal integrity—ideal for mobile or hard-to-reach broadcast setups. Using standard SMPTE or ST fiber, it delivers two UHF signals over a single fiber core, ensuring long-distance flexibility with clean, reliable transmission.



## KEY BENEFITS

- Dual Antenna Support:**  
 Transports two UHF antenna signals over a single fiber core.
- Remote Monitoring:** Built-in OLED display with real-time signal level and dB loss readout.
- Stable Optical Performance:**  
 Dual isolated lasers reduce risks from reflection-based interference.
- Flexible Power Options:** Remote unit powers via V-Lock, Anton Bauer, or 12V XLR input.
- Compact & Rack-Ready:**  
 Half-width 1RU base unit with standard AC power input.

### Connectors

Antenna 1 Output	BNC(f)
Antenna 2 Output	BNC(f)
Fibre Optic Input	ST/PC or SMPTE
DC Power in	XLR 4pin Male
Battery Input	Anton Bauer or V-Mount

### Optical Section

Type	Single Mode
Laser Type	DFB
Optical Output	4.5dBm (nominal)
Antenna 1 Wavelength	1550nm
Antenna 2 Wavelength	1310nm

### Powering

Supply Voltage	90-250VAC
Power Consumption (downconverter dependent)	<15W

### Physical

Dimensions (excl conns)	145x80x55mm
Weight	1.0Kg
Operating Temperature	-10-+50°C

### RF Section

Frequency Range	100-1000MHz
Gain Flatness	+/- 0.25dB (typical) +/- 0.5dB (max)
VSWR	<1:5:1
Gain Stability	0.25dB over 24 hours
RF Link Gain	0dB (assumes 0dB optical loss)
Input P1dB	3dBm
Noise Figure	23dB
Downconverter Voltage	12VDC
Input P1dB	3dBm
Noise Figure	23dB 1310nm

### Product Code

**FIBTAC-2-R-SC-V**  
Remote Fibre Unit Dual Antenna SC Connector V-Mount Battery plates

**FIBTAC-2-R-SC-AB**  
Remote Fibre Unit Dual Antenna SC Connector AB-Mount Battery plates

**FIBTAC-2-R-ST-V**  
Remote Fibre Unit Dual Antenna ST Connector V-Mount Battery plates

**FIBTAC-2-R-ST-AB**  
Remote Fibre Unit Dual Antenna ST Connector AB-Mount Battery plates

**FIBSMPTE-2-R**  
Remote Fibre Unit, Dual Antenna SMPTE Connectors

**FIBSMPTE-4-R**  
Remote Fibre Unit, Quad Antenna SMPTE Connectors