FEATURES

- **Carries 2x antenna signals on a single fibre core**
- **OLED Level Meter and dB loss measurement**
- **Dual Isolated lasers offer improved protection from un-wanted reflections**
- **Remote Unit powers from V-Lock or AB-mount camera battery or external 12VDC**
- **Base Unit half-width 1RU rack-mounting with AC powering**

Fibre Base Unit

The DBS Fibre extender system can be used to position antennas remotely from receivers using standard SMPTE or ST fibres.

The fibre remote unit can accept UHF inputs from two external downconverters, the UHF signals are converted to optical signals and carried over a single fibre core. The Fibre remote unit can be powered from a VLock or Anton Bauer (option) battery interface, or with 12V XLR cable input. The Fibre remote unit provides inline power for the external downconverters on the BNC coaxial connection. The Fibre base unit can receive inputs from two separate remote units and will provide 4 UHF outputs. The fibre base unit provides local monitoring of signal levels of all four optical signals.

Connectors	
Antenna 1 Output	BNC(f)
Antenna 2 Output	BNC(f)
Antenna 3 Output	BNC(f)
Antenna 4 Output	BNC(f)
Fibre Optic Input	ST/PC or SMPTE
AC Power in	IEC C14

Optical Section	
Antenna 1 Wavelength	1550nm
Antenna 2 Wavelength	1310nm

Powering	
Supply Voltage	90-250VAC
Power Consumption	8W

Physical	
Dimensions (excl conns)	210×300×44mm
Weight	1.5Kg
Operating Temperature	-10-+50°C

RF Section	
Frequency Range	100-1000MHz
Gain Flatness	+/- 0.25dB (typical) +/- 0.5dB (max)
VSWR	<1:5:1
Maximum Input Power	+15dBm (without damage)
Gain Stability	0.25dB over 24 hours
RF Link Gain	0dB (assumes 0dB optical loss)
Input P1dB	3dBm
Noise Figure	23dB 1310nm

Product Code	
FIBSMPTE-4-B	SMPTE Fibre
Remote 4 Output	
FIBST-4-B	ST Fibre Remote 4 Output

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