Remote Unit

Base Unit

Key Features

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

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Base Unit Specifications

Connectors

Antenna 1 Output	BNC(f)
Antenna 2 Output	BNC(f)
Fiber Optic Input	ST/PC
	SC/PC *(option)*
	FC/PC *(option)*
AC Power in	IEC C14

Optical Section

Antenna 1 Wavelength	1550nm
Antenna 2 Wavelength	1310nm

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

Powering

Supply Voltage	90-250VAC
Power Consumption	8W

Physical

Dimensions (excl conns)	210x300x44mm
Weight	1.5Kg
Operating Temperature	-10-+50°C

Remote Unit Specifications

Connectors

Antenna 1 Input	BNC(f)
Antenna 2 Input	BNC(f)
Fiber Optic Output	ST/PC
	SC/PC *(option)*
	FC/PC *(option)*
DC Power in	XLR4M
Battery Input	Anton Bauer
	V-Mount *(option)*
	PAG *(option)*

Optical Section

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

RF Section

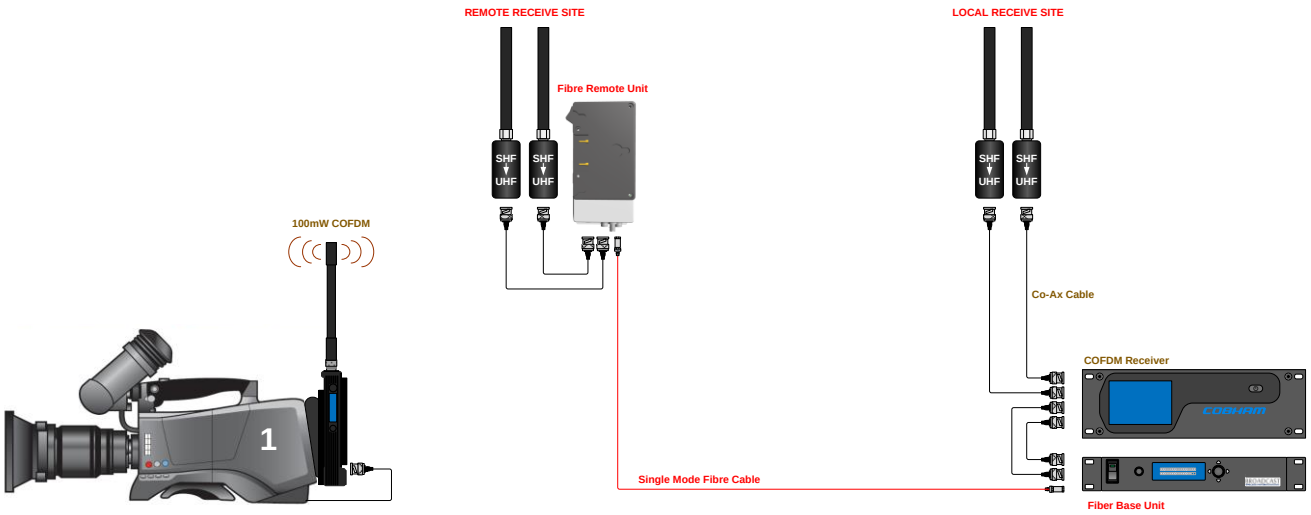
Frequency Range	100-1000MHz
Gain Flatness	+/- 0.25dB (typical)
	+/- 0.5dB (max)
VSWR	<1:5:1
Gain Stability	0.25dB over 24 hours
RF Link Gain	0dB (assumes 0dB optical loss)
Input P1dB	3dBm
Noise Figure	23dB
Downconverter Voltage	12VDC

Powering

Supply Voltage	9-36VDC
Power Consumption	<15W (downconverter dependent)

Physical

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



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