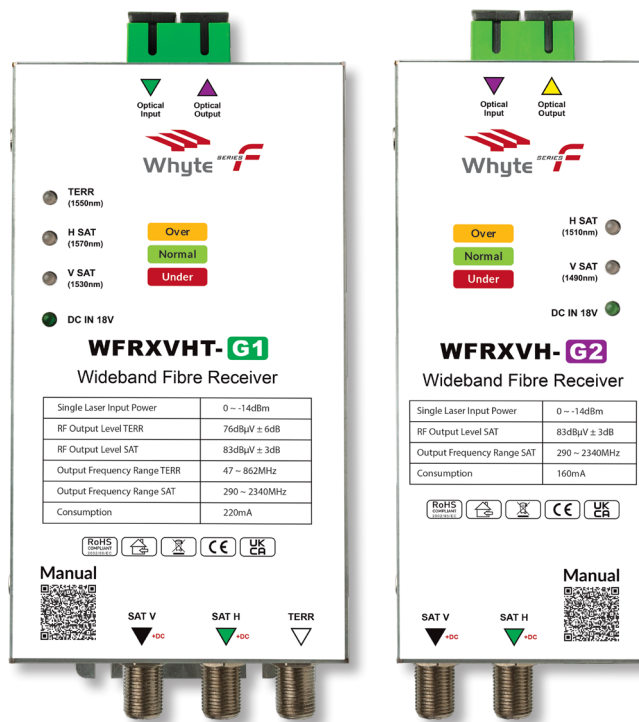


Series F Whyte Fibre Optic Receivers



WFRXVHT-G1 | WFRXVH-G2

- 4 Years Warranty
- Optical Input LED indicators
- Powered via the SAT Outputs
- Ultra Low MER Degradation <0.2dB
- SC APC Fibre Input / Output connector
- WB SAT V, H & TERR Output (WFRXVHT-G1)
- WB SAT V & H (WFRXVH-G2)



WFRXVHT-G1 and WFRXVH-G2 are Wideband Optical Receivers from the Whyte Series F Range. When used with a Whyte Fibre Optic Transmitter, signal degradation between the RF source (the LNB) and the Wideband Optical Receiver is a mere 0.2dB MER. A Tri-colour LED indicator per laser wavelength indicates the optical input status of the receiver.

The Whyte Series F wideband receivers connect directly to all Whyte Series D dSCR Multiswitches and Series 5WB Amplifiers, Taps and Splitters providing a convenient, compact, and robust solution. These wideband fibre receivers are line powered via the SAT outputs.

The WFRXVHT-G1 and WFRXVH-G2 receivers can be linked together (loop-through) enabling two satellites (Wideband) and terrestrial to be received over one fibre using five laser wavelengths, or one Quattro SAT + TERR (also over a single fibre). This configuration requires two Whyte Fibre Optic Transmitters that are also interconnected via the Optical Loop-through.

MODEL	WFRXVHT-G1	WFRXVH-G2
Optical Input/Output	SC APC	SC APC
RF Outputs	3 (V & H Wideband SAT + TERR)	2 (V & H Wideband SAT)
Optical Wavelengths	1530nm – 1550nm – 1570nm	1490nm - 1510nm
Frequency Range	47 – 790MHz / 290 – 2340MHz	290 – 2340MHz
Optical Input Level	0 ~ -14dBm	0 ~ -14dBm
Optical Input Levels LED	Low, Nominal and High	Low, Nominal and High
RF Output Level TERR	76dB μ V \pm 6dB	-
RF Output Level Wideband SAT	83dB μ V \pm 3dB	83dB μ V \pm 3dB
RF Return Loss	>10dB	>10dB
RF Output Connector Type	75 Ω F Type (Female)	75 Ω F Type (Female)
Power Indicator	Green LED	Green LED
DC Supply	Via SAT Outputs (18V DC)	Via SAT Outputs (18V DC)
Power Consumption Max @ 18V DC	220mA	160mA
Dimensions L x W x H (mm)	140 x 72 x 38	140 x 60 x 38
Weight	354g	236g

Optical Input Optical Output

Whyte SERIES **F**

TERR (1550nm) **Over**

H SAT (1570nm) **Normal**

V SAT (1530nm) **Under**

DC IN 18V

WFRXVHT-G1
Wideband Fibre Receiver

Single Laser Input Power	0 ~ -14dBm
RF Output Level TERR	76dBμV ± 6dB
RF Output Level SAT	83dBμV ± 3dB
Output Frequency Range TERR	47 ~ 862MHz
Output Frequency Range SAT	290 ~ 2340MHz
Consumption	220mA

RoHS COMPLIANT 2002/95/EC CE UK CA

Manual

SAT V +DC SAT H +DC TERR

Optical Input Optical Output

Whyte SERIES **F**

Over H SAT (1510nm)

Normal V SAT (1490nm)

Under

DC IN 18V

WFRXVH-G2
Wideband Fibre Receiver

Single Laser Input Power	0 ~ -14dBm
RF Output Level SAT	83dBμV ± 3dB
Output Frequency Range SAT	290 ~ 2340MHz
Consumption	160mA

RoHS COMPLIANT 2002/95/EC CE UK CA

Manual

SAT V +DC SAT H +DC