

ROST44

4-channel optical receiver polarity +

DESCRIPTION

Optical receiver for 4 satellite polarities (HL, HH, VL, VH) and terrestrial output 47-862 MHz. SC/APC fiber connector ensuring low attenuation (0.9 dB) and 75-ohm impedance. Power supply included with consumption under 10 W. Suitable for multisignal optical teledistribution installations.



ADVANTAGES

- Simultaneous reception of 4 satellite polarities (HL, HH, VL, VH) and terrestrial signal 47-862 MHz
- SC/APC fiber connector ensuring low attenuation (0.9 dB) and 75-ohm impedance
- Included power supply with consumption under 10 W
- Suitable for multisignal optical teledistribution installations



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CONSTRUCTION & TECHNICAL PERFORMANCE

Impedance (Ohms)	75
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Weight (Kg/U)	1.00

ELECTRICAL CHARACTERISTICS

Power Consumption	< 10
Cso (dB)	> 62
Ctb (dB)	> 65
Frequencies SAT - If (MHZ)	950-2150
Linearite of the Gain SAT - If/ TER (dB)	sat-if : +/-1,5 ter : +/- 0,75
Pass Wavelength (nm)	1510 VL - 1530 HL - 1550 VH+Terr. - 1570 HH
Input Level SAT - If/ TER (dBµv)	75 +/-5 CAG / > 80 CAG
Return Loss (dB)	> 45
Return Loss SAT/ TER (dB)	TER : > 14
Return Loss SAT - If (dB)	> 10
Optical Input Power (dBm)	-15-3
Supply Voltage (Vdc)	20 (Power supply included)

TRANSMISSION CHARACTERISTICS

Attenuation (dB)	0,9
Frequency Band SAT/ TER (MHZ)	TER : 47-860
Cag (dB)	+/-1
Cnr (dB)	> 50
Fiber (µm)	Singlemode

MECHANICAL CHARACTERISTICS

Power Connector	Screw-on (included)
Optical Connector	SC/APC
Connector RF	F female

Additional Information

