



EKSELANS BY ITS

QUAD RETURN CHANNEL OPTICAL RECEIVER

RO 4 LR



- ✓ Four independent optical receivers with low noise and -22 dBm sensitivity
- ✓ Received optical power LED level indicator
- ✓ Input optical bandwidth of 1200...1620nm
- ✓ Adjustable RF output level
- ✓ Good behavior within a wide range of temperatures (-40°C...65°C)
- ✓ 1U 19" rack installation
- ✓ Excellent P/P ratio



RO 4 LR

TECHNICAL TABLE

REFERENCE		RO 4 LR		
Code		275001		
		Min	Tip	Max
Optical module				
Wavelength	nm	1200	-	1620
R1310nm response	A/W	0,85	0,95	-
R1550 nm response		0,85	1	-
R1610 nm response			0,85	-
Link power loss	dB	17	-	-
Typical received power	dBm	-17	-	-7
Received power sensitivity			-23	-22
Overload received power		0	1	-
Number of optical receivers	N.		4	-
Return loss	dB	50	-	-
Optical connector	-	SC/APC		
RF module				
Bandwidth	MHz	5	-	200
RF output level	dB μ V	60	-	120
Gain	dB	-18	-	0
Flatness	dB	-0,75	-	0,75
Return loss	dB	16	-	
RF test port	dB	-20,5	-20	-19,5
Noise power ratio (FP Link loss >15dB)	dB	37	-	-
Noise power ratio (DFB Link loss >15dB)		41	-	-
General specifications				
AC power supply	Vac	90	230	265
DC power supply	Vdc	-30	-48	-72
Consumption	W		-	48
Working temperature	°C	-40	-	65
Working humidity	% Hum	5	-	95
Dimensions	inch (")	19 x 12 x 1,75		