

Fiber Optical Distribution

4011 - 4012 - 4013 Optical single/dual/triple receiver

The optical receiver is developed for the transmission of broadband signals in medium and large Fiber Optic systems. The Optical receiver can convert one, two or three wavelengths. Ref. 4011 (Optical Single Receiver) converts 1550 nm to Satellite or Terrestrial signal. Ref. 4012 (Optical Dual Receiver) converts 1310 + 1330 nm to wideband V/H; Ref. 4013 (Optical Triple Receiver) converts 1310 + 1330 + 1550 nm to wideband V/H and Terrestrial signal.

4011 | 4012 | 4013

- optical input level: -15 to +4 dBm
- frequency range: 5 - 2400 MHz
- high reception quality even with high split ratios
- powering via V or H output (12V - 20V)
- AGC to boost signal level
- optical wavelengths: 1310nm (V), 1330nm (H), 1550nm (T)
- compatible with Johansson wideband Multiswitches (e.g. 9775, 9754, 9758, 9734, etc.) with double F male adaptors or jumpercables
- up to 128 passive splits



		4011	4012	4013
Optical inputs	-		1	
RF outputs	-	1	2	3
Optical wavelength	nm	1550	1310 1330	1310 1330 1550
Terrestrial output frequency range	MHz	-	-	5 - 1008
Satellite output frequency range	MHz		5 - 2400	
Optical input level	dBm		-15 to +4	
RF output level per Tr. (AGC)	dBµV		80	
Signal presence indicator	-		Green LED per wavelength	
Return loss	dB		10	
Optical connector type	-		SC/APC	
RF connector	-		75 Ohm F type (Female)	
Power consumption	W	1	2	3
Power supply	VDC	12 - 20 (via DC port)		12 - 20 (via V or H port)
Power indicator	-		Green LED	
Operating temperature range	°C		-20 to +55	
Dimensions	mm	36 x 45 x 125	36 x 45 x 125	56 x 45 x 125
Weight	kg	0.110	0.110	0.165