

SERIES
916 OPTICAL EQUIPMENT
 Optical Receiver



Description

The OR-407 is a 1310-1550 nm optical receiver for the delivery of TV and Sat-IF signals utilizing single mode optical fibre. The unit has independent gain and slope adjustment for both the TV and Sat-IF output.

Applications

Used in all MATV installations where single mode optical fibre is used due to long distances involved.

Characteristics

This module is self contained, mains powered optical receiver. Optical connection is by SC/APC optical connector.

CODE	9160001	
MODEL	OR-417	

Optical input level range	dBm	-10...+1
Wavelength	nm	1310...1550
Return loss	dB	>50
Optical connector		SC/APC

RF section:

Number of outputs		1	
Frequency range	Band	TV	Sat
	MHz	46 – 862	950 - 2150
Output level	dBμV	119 (DIN4500β)	120(IMD3-35dB)
Gain control	dB	15	15
Flatness	dB	±1.5	±2.0
Slope control	dB	15	7 switchable
Carrier to noise ratio	dB	52	36
Return loss	dB	>12	>10
Impedance	ohm	75	
Connection		F - Female	
Test Port	dB	-30±1.0	
Power supply	V AC	240	
	W	15	
Packing weight	Kg	1.8	
Packing dimensions	mm	220 x 200 x 60	

DIN4500β 3 unequal carriers, IMD₃ at 60dB

IMD₃ -35dB 2 unequal carriers EN50083-3