

916

OPTICAL TRANSMITTER EQUIPMENT 916-OT

CE

RF-OF transceiver

**Description**

Optical transmitter for analogue and digital TV signals, terrestrial and satellite. The equipment receives the TV signals in IF via coaxial cable, and transmits them via single-mode optical fibre with a wavelength (λ) of 1310 nm, by means of Class 1 laser.

Applications

Large-scale collective terrestrial and satellite TV installations in which, due to the topology of the installation, the distribution is not possible using coaxial cable. The optical modulation is easily adjustable with two independent controls of the OMI for terrestrial and satellite TV.

Characteristics

Modular equipment. Zamak chassis with metallic side panels. F-type connectors for the input of the TV signals in the terrestrial band and the satellite IF band. Female SC/APC connector for optical fibre.

CODE		9160000			
MODEL		OT-402			
HF inputs					
Connection		F female			
Frequency range	Band	TV		SAT	
	MHz	46-862		950-2150	
Input level	dB μ V	72..87			
Flatness	dB	$\pm 0,7$		$\pm 1,0$	
Return loss	dB	>12		>10	
Input impedance	Ω	75			
Test input	dB \pm TOL	0 $\pm 1,0$			
HF connectors		75			
Optical output					
Optical output power	mW	4 (6 dBm)			
Wavelength	nm	1310			
Return loss	dB	>50			
Optical connector		SC/APC 8 °			
Power supply	V \pm	+3,3	+5,2	+12	+24
	mA	0	120	500	0
Units per packing		1			
Packing weight	Kg	1,4			
Packing dimensions	mm	270 x 170 x 38			