916 FIBRE OPTIC DISTRIBUTION

OPTICAL TRANSMITTER TV-SAT 10MW LNB FEED



Code : **9160087**

Model : **OT-512**

Description

Optical transmitter for analogue and digital TV signals, both in the terrestrial and satellite band. This device receives the TV signals in the terrestrial and IF satellite bands via coaxial cable and transmits them via single-mode optical fibre with a wavelength of 1310 nm using a 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. Satellite polarity can be chosen using switches that control the voltage (13/18V) and tone (0/22KHz) that power the LNB.

Characteristics

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

CÓDIGO-CODE-CODE		9160087	
MODELO-MODEL-MODÈLE		OT-512	
ENTRADAS RF - RF INPUTS - RF ENTRÉES			
Número de entradas RF Number of RF inputs Nombre d'entrées RF		2	
Rango de frecuencia Frequency range Gamme de fréquences	Band	TV	SAT
	MHz	46 - 862	950 - 2150
Alimentación LNB	V⎓	+13 / +18 (0/22 KHz)	
LNB power supply Alimentation LNB	max mA	250	
Nivel de entrada Input level Niveau d'entrée	dBµV	72 .. 87	
Planitud Flatness Ondulation dans la bande	dB	±0,7	±1,0
Pérdidas de retorno Return loss Pertes de retour	dB	>12	>10
Impedancia de entrada Input impedance Impédance d'entrée	Ω	75	
Entrada de test Test input Entrée du test	dB ± TOL	0 ±1,0	
Conectores de RF RF connectors RF connecteurs		F	
SALIDA ÓPTICA - OPTICAL OUTPUT - SORTIE OPTIQUE			
Potencia óptica de salida Optical output power Puissance optique de sortie	mW	10 (10 dBm)	
Longitud de onda Wavelength Longueur d'onde	nm	1310	
Pérdidas de retorno Return loss Pertes de retour	dB	>50	
Conector óptico Optical connector Connecteur optique		SC/APC 8°	
Alimentación Power supply Alimentation	V⎓	+12	
	mA	500	