



EKSELANS BY ITS

OPTICAL TRANSMITTER FOR TERRESTRIAL AND SATELLITE

**CM TO 3-1550 · CM TO 3 FI-1310
CM TO 10 FI 1550 · CM TO 3 FI 1550**

- ✓ They enable the distribution of radio frequency signals over long distances by taking advantage of the benefits of optical fiber.
- ✓ LED indicator for optical output level
- ✓ Allows selection of satellite band and polarity (CM TO 3 FI-1310 and CM TO 10 FI-1550)
- ✓ Input level adjustment



CM TO 3-1550



CM TO 3 FI-1310
CM TO 10 FI-1550
CM TO 3 FI-1550

TECHNICAL TABLE

REFERENCE		CM TO 3-1550	CM TO 3 FI-1310	CM TO 10 FI-1550	CM TO 3 FI 1550
Code		274106	274100	274102	274107
RF Input					
Frequency	MHz	47 - 1000	47 - 2150	47 - 2150	47 - 2150
Flatness	dB	±0,75	±0,75	±0,75	±0,75
TV Input Level	dBµV	70-80*	70-80*	70-80*	70-80*
SAT Input Level	dBµV	-	58-78**	58-78**	58-78**
TV+SAT Input Level	dBµV	-	72-84***	72-84***	72-84***
Input Adjustment	dBµV	20	20	20	20
Return Loss	dB	≥14	≥14	≥14	≥14
Input Impedance	Ω	75	75	75	75
Connector		Tipo F	Tipo F	Tipo F	Tipo F
Optical Output					
Wavelength	nm	1550	1310	1550	1550
Optical Output Power	dBm	3	3	10	3
Laser Type		DFB	DFB	DFB	DFB
Optical Matching	dB	>45	>45	>45	>45
Optical Connector		SC / APC	SC / APC	SC / APC	SC / APC
Input Voltage	Vac	88 - 264	88 - 264	88 - 264	88 - 264
Input Frequency	Hz	47 - 63	47 - 63	47 - 63	47 - 63
Maximum Current	mA	-	500	500	500
LNB Power Supply	Vdc KHz	-	13 - 18 0 - 22	13 - 18 0 - 22	13 - 18 0 - 22
Operating Temperature	°C	-20...+55	-20...+55	-20...+55	-20...+55

(*) 59 Ch PAL-I analog channels

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- Specifications and design are subject to change without notice

- The product meets the requirements for CE marking. The declaration of conformity is available on the website www.ek.plus

Installation diagram

