EQUIPOS DE TELECOMUNICACION
OPTOELECTRONICOS, S.A.

Fibre optic transmission systems for CCTV

Double optical video baseband transmitter A162 model

Double optical video baseband transmitter, A162 model

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OPTICAL PARAMETERS	
Light source	LED
Wavelength (see note 1)	850 nm (C and CM versions) 1,310 nm (D version)
Fibre type	Multimode (50/125 or 62.5/125 μm)
Stabilization	In optical power (A and B versions)
Optical power (see notes 2 and 3)	≥-12 dBm (62.5/125 μm) (C version) ≥-19 dBm (50/125 μm), ≥-17 dBm (62.5/125 μm) (CM version) ≥-21 dBm (50/125 μm), ≥-16 dBm (62.5/125 μm) (D version)
ELECTRICAL PARAMETERS	
Video specification	PAL 625/50 Hz
Input voltage	1 Vpp
Input impedance (see note 1)	75 Ω
Bandwidth (-3 dB) (see note 2)	≥ 5.5 MHz
Peak to peak differential gain (see notes 1 and 2)	< 3.5 %
Peak to peak differential phase (see notes 1 and 2)	< 3.5 °
Signal to noise ratio (weighted) (see notes 1 and 2)	> 60 dB
POWER PARAMETERS	
Power requirements	Internal of P40W housing
Power consumption (see note 1)	< 2 W
MECHANICAL PARAMETERS	
Format	Plug-in module for 19" rack and 3U height
Dimensions	5 TE x 3U x 160 mm (without connectors)
Optical fibre connector	ST
Video coaxial connector	BNC
ENVIRONMENTAL CONDITIONS	
Operating temperature range	-10 °C to +50 °C
Humidity range	0 to 95% without condensation
INDICATORS AND ALARMS (see note 4)	
Unit working	Green ON

Note 1.-Typical values as a production average

Note 2.-Actual values are given in the test sheet. These values are measured according to the test procedure for this device

Note 3.-Consult with manufacturer or distributor for higher optical power units

Note 4.-LED's in the front side

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