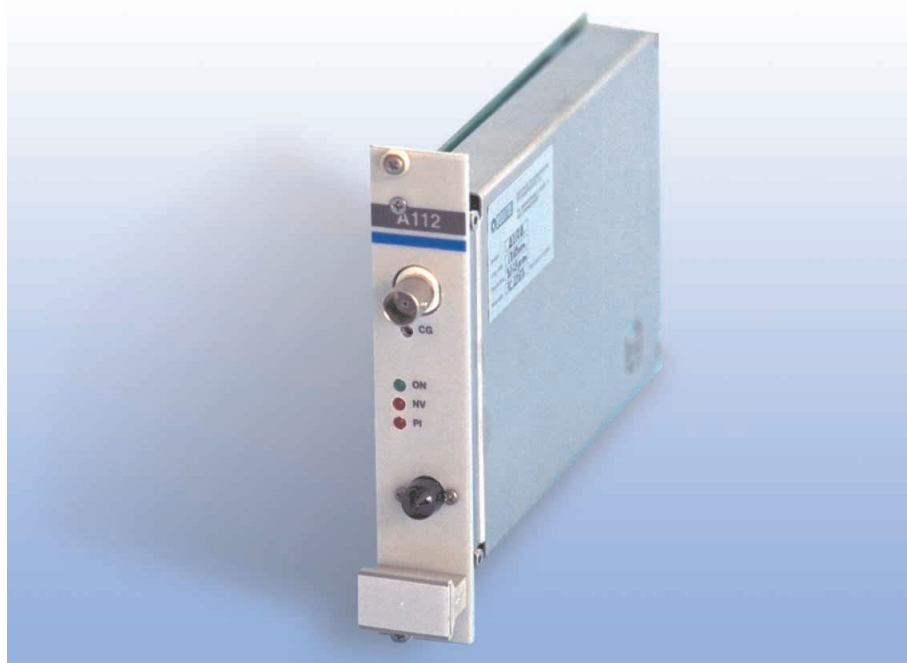


Fibre optic transmission systems for CCTV



Single channel video receiver A112 model

OPTICAL PARAMETERS		
Optical detector	PIN	
Wavelength	850 nm (CM version) 1,310 nm (D version) 1,310 and 1,550 nm (A version)	
Fibre type	Singlemode (9/125 μm) (A version) Multimode (50/125 or 62.5/125 μm) (CM and D versions)	
Sensitivity (see note 1)	≤ -30 dBm (A and D versions) ≤ -28 dBm (CM version)	
ELECTRICAL PARAMETERS		
Video system	PAL 625/50 Hz	
Output voltage	1 Vpp (adjustable)	
Output video level	Automatically controlled	
Output impedance (see note 2)	75 Ω	
Bandwidth (-3 dB) (see note 1)	≥ 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, 2 and 3)	> 45 dB	
POWER PARAMETERS		
Power requirements	Internal of P40W housing	
Power consumption (see note 2)	< 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	FC/PC (A version) ST (CM and D versions)	
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 in operation	Green	ON
No video output signal	Red	NV
Low optical input power	Red	PI

Note 1.-Actual values are given in the test sheet. These values are measured according to the test procedure for this device

Note 2.-Typical values as a production average

Note 3.-Value at receiver sensitivity for all operating range

Note 4.-LED's in the front side

EQUIPOS DE TELECOMUNICACIÓN OPTOELECTRÓNICOS, S.A.

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