

Fibre optic transmission systems for CCTV



**Double single channel video receiver
A163 model**

OPTICAL PARAMETERS		
Optical detector	PIN	
Wavelength	850 nm (CM version) 1,310 nm (D version)	
Fibre type	Multimode (50/125 or 62.5/125 μm)	
Sensitivity (see note 1)	≤ -28 dBm (D version) ≤ -27 dBm (CM version)	
ELECTRICAL PARAMETERS		
Video system	PAL 625/50 Hz	
Output voltage	1 Vpp (adjustable)	
Output video level	Manual	
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	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 in operation	Green	ON

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.

EQUITEL

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