



LCS CM 300

Technical Specification

Performance

Rate	B/W 5Hz~8MHz
Protocol	NTSC, PAL, RS-232, /422/485
Effective Range	up to 3,000m

Transmitter

Wavelength	800~820nm
Laser Type	GaAlAs Laser
Transmit Beam Diameter at Aperture	34mm ×3
Transmit Beam Divergence	2mrad
Output Power	50mW × 3

Receiver

Detector Type	APD
Bit Error Rate	$< 10^{-9}$
Optical Sensitivity	-40dBm
Dynamic Range	25 ...34dBm
Receiving Area	190mm
Allowable Mispointing Angle	0.5mrad

Interface

Fiber Type	Single Mode/Multi Mode
Bandwidth Option	B/W 5Hz~8MHz
Input Connection	SC Type/BNC
Wavelength	1310nm

Mechanical Design and Power

Operating Temperature	-30° C to 50° C
Dimensions[mm] H×W×D	280×740×330
Weight(kg)	24kg
Input Power Line	AC 110/220V, 50~60Hz

Diagnostics

Indicators Selector	Receive Signal Strength/Power
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