



LCS FE 300

Technical Specification

Performance

Rate	100Mbps
Protocol	FAST ETHERNET
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	-34dBm
Dynamic Range	25 ...-34dBm
Receiving Area	190mm
Allowable Mispointing Angle	0.5mrad

Fiber Optic Interface

Fiber Type	Single Mode/Multi Mode
Bandwidth Option	10/100 Base -T/FX
Input Connection	SC Type/RJ-45
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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