

FIBEROPTIC MICROMODULES for LASER TRANSMISSION with PMMA CABLES & SMA TYPE CONNECTORS

(DS1605)



SPECIFICATIONS: LHM-T/650 & AHM-R/RW

Wavelength in nm	650 +/- 5
Threshold Current in mA	10 to 15
Optical Power in mW (max)	3
Coupled Power in dBm (max)	-3.0
Monitor Photodiode	Built-in
Analog Bandwidth in KHz	Dc to 150
Vin & Vout (Max) in mV	200 & 2000
Modes of Operation	APC & ACC
Power Supply	+6Vdc/100ma
Fiber Type	PMMA/POF
Cable Length	1 to 5 meters
Connector	SMA Type
Rx Gain/ TX Dc Bias	Settable as shown below

SALIENT FEATURES of LHM-T/650 and AHM-R/WB

Modules LHM-/650 and AHM-R/WB comprise two encapsulated devices (with teflon insulated wire terminals) that transmit analog/digital signals through a multimode step-index plastic fiber or in free space at 650nm. The modules employ SMD technology to achieve a high degree of reliability and compactness. The SMA type connectors provide for rugged and consistently repeatable operations. Two modes of operation, selectable through a toggle switch, are the features of the laser diode based LHM-T/650 module.

- (a) Automatic Current Control Mode (ACC) where the input voltage linearly controls the LD forward current
- (b) Automatic Power Control Mode (APC) where the input voltage linearly controls the LD optical output through an optical feedback loop to 150 KHz

Ordering Code	Micromodule LHM-T/650	Micromodule AHM-R/WB
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