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

(DS1603)

AHM-T/xxx & AHM-R/WB

Fiber-optic Micro-modules, AHM-T/xxx & AHM-R/WB comprise a pair of encapsulated devices (with teflon insulated wire terminals) that facilitate transmission of analog signals (audio range and above) through a PMMA plastic optical fiber employing linear intensity modulation techniques. SMD technology is employed to achieve a high degree of reliability and compactness. The devices require very few external components to realise a variety of functions. The three wavelengths offered are 660nm (visible red), 850nm and 950nm.

SPECIFICATIONS OF AHM-T & AHM-R/WB

Wavelength:	660 nm or 850nm or 950nm	Fiber Type	PMMA/POF
Connector:	SMA (905) Type	Cable Length:	1 to 5 meters
Rx Gain:	Settable as shown below	TX Optical Power:	100 uw (approx)
Tx DC Bias:	Settable as shown below	Power Supply	+6Vdc/100ma
Vin & Vout:	Analog10 to 2000 $mV_{(p-p)}$	Bandwidth:	Dc to 150 KHz

Ordering Code: **Micromodule AHM-R/WB** **Micromodule AHM-T/660**
Micromodule AHM-T/850 **Micromodule AHM-T/950**