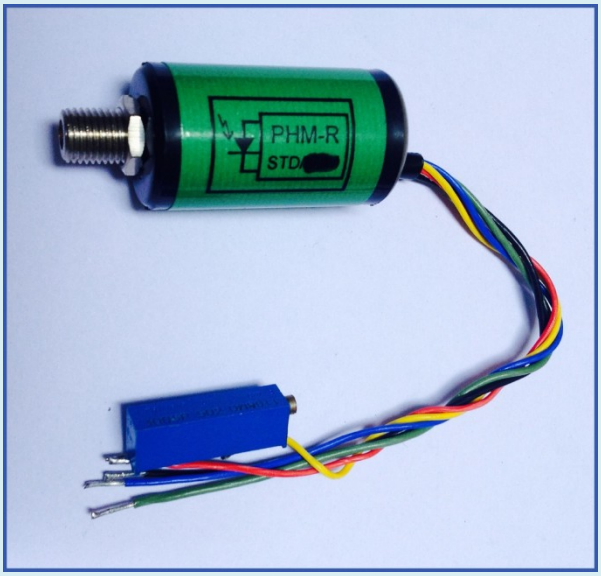
FIBEROPTIC MODULE for OPTICAL POWER MEASUREMENT
with
PMMA CABLES & SMA TYPE CONNECTORS (DS1606)



SPECIFICATIONS: PHM-R/STD

Wavelength Calibrated	660nm
Fiber Types	PMMA/Glass
Detector	Si PIN PD
Wavelength Range	400-1100 nm
Optical Connector	SMA Type
Power Range in dBm)	-5.0 to -55.0
Accuracy	+/- 0.4 dB
Power Supply	6Vdc
Pout on DMM	Directly dBm

Note PHM-R/STD is calibrated based on the device specifications provided by the manufacturer. The user may recalibrate the module to any standard that he desires, setting the trimmer shown in the figure above.

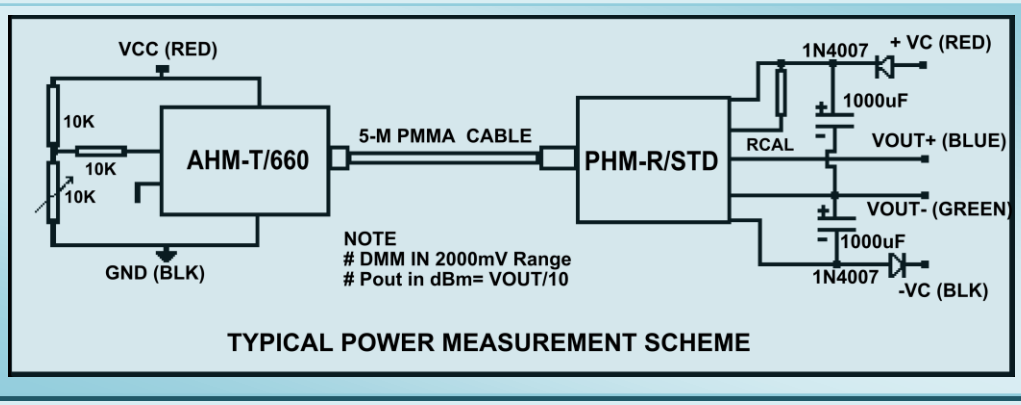
SALIENT FEATURES of PHM-R/STD

Fiberoptic module, PHM-R/STD comprises an encapsulated panel mountable device that receives optical power through a multimode step index plastic fiber at 660nm (or other multimode GI glass fiber such as 50/125, 62.5/125, 100/140, 200/230 etc) and converts it into an electrical voltage that is equivalent to the optical power measured in dBm. The module employs SMD technology to achieve a high degree of reliability and compactness. Teflon leads (5 in all) provide for easy integration with other circuitry. The device requires only a few external components to realise desired functions. The SMA type connector (optical terminal) provides for rugged and consistently repeatable operations. The power meter operates from a single 6Vdc source

Ordering Code **Micromodule PHM-R/STD**

LEAD DETAILS

RED	**+ Vc**
Black	**–Vc**
Green	**Vout-**
Blue	**Vout+**
Yellow	**Calibrate**



TYPICAL POWER MEASUREMENT SCHEME