

OPTICAL FIBER CABLES with 0.5MM PMMA (POF) FIBER and

SMA TYPE CONNECTORS

(DS1608)



SALIENT FEATURES OF SFMA CABLES

The new SFMA with a PMMA core of 0.5mm and a 1.0mm jacket is a direct replacement for the present popular 1.0/2.2 mm cables with SMA-SMA connectors supplied by Telenet Systems, in terms of cost and performance. Except for the lower coupled power (-5.5 db), due to a smaller core diameter, the SFMA is an improved version of the standard PMMA cable. The low priced cable finds application in transmission of optical signals at 660nm over several tens of meters. The cable is suitable for Numerical Aperture Experiments as well.

SPECIFICATIONS OF SFMA CABLES:

#	Fiber Core Material / Type	:	0.5 mm PMMA/ Step Index
#	Inner Jacket	:	1.0 mm Black polyethylene
#	Outer Jacket	:	2.8 mm PVC
#	Strength Member	:	Nylon thread
#	Optical Attenuation	:	0.25 db or less at 660nm
#	Numerical Aperture	:	0.5
#	Acceptance Angle	:	60 degrees
#	Dist. Bandwidth Product	:	10 MHz.100m
#	Connector	:	Metal SMA-SMA type
#	Standard Lengths	:	1-m, 2-m, 3-m and 5-m

ORDERING INFORMATION

#.	OF Cable SFMA-0.5	#	OF Cable SFMA-1.0
#	OF Cable SFMA-2.0	#	OF Cable SFMA-3.0
#	OF Cable SFMA-5.0		

BASIC COMPONENT SET



FO LED 660 nm

+



1-M Cable

+



FO P' Transistor