

User Manual for MM to SM Converter, Model SC09 MM SM

The SM-MM series media converter can provide data transmission between multi-mode (850nm or 1310nm) and single-mode (1310nm or 1550nm)

Standard : IEEE 802.3
 Supporting full duplex and half-duplex transmission
 Fiber A : Multi-mode fiber port
 Fiber B : Single-mode fiber port
 Connector : Duplex SC
 Single mode : 1310nm or 1550nm
 Multi mode : 1310nm or 850nm

Fiber Details

Multi-mode : 50/125, 62.5/125 or 100/140um
 Single mode : 8.3/125, 8.7/125, 9/125 or 10/125um

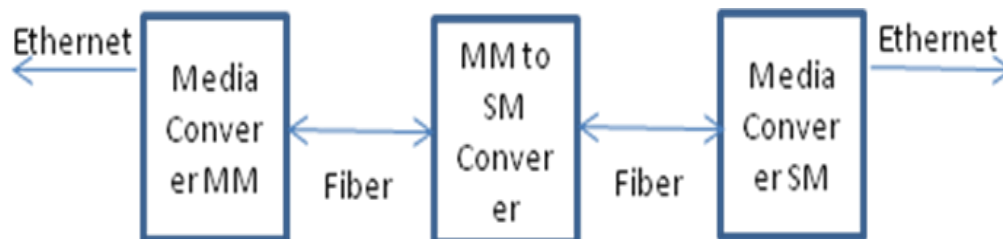
Transmission distance

Multi-mode : 2Km
 Single mode : 2 to 100Km
 LED : Power x 2, SM LINK, MM LINK
 Power : 230V AC / 24V DC or external adapter DC 5V, 1A
 Operating temperature : 0°C to 70°C
 Operating humidity : 5% to 90% rh Non Condensing

LED Description

LED	State	Indications
POWER	On	Power On
	Off	Power Off
MM LINK	On	Multi-mode connection established
	Off	Multimode fiber link failed
SM LINK	On	Single-mode connection established
	Off	Single-mode fiber link failed

Connection Diagram



San Telequip Private Limited.,
504 & 505 Deron Heights, Baner Road
Pune 411045, India
Phone : +91-20-27273455, 9764027070, 8390069393
email : info@santelequip.com



Connecting. Converting. Leading!

Technical Specifications

Transmission Type	155M FDX/HDX
BER	<1E-8
Power temperature variation	0.2mw/°C
Input Power Range (dBm)	0 to -30
Operate Temperature	0°C to 70°C
Storage Temperature	-45°C to 80°C
Imax	800mA
Power	2. 5w
	98(D) X 35 (W) X 116(H)mm (Internal power supply)