

Optical Fiber Media Converter

- Multipurpose.
- WDM convertor 1 core 2 way.
- 1Gbps 20km.

Supplied Protocol			
Audio	Light	Control	LED Wall
Audinate (Dante) Allen & Heath dLive, iLive, GLD, QU, SQ Series Roland RSS EtherSound CobraNet	MA-NET Artnet	Ethernet	NovaStar Linsn DBstar Colorlight
Package			
Content	Detail	Number	
SFHP-6M6A-SCSG-150M-E8 (Please refer to page 09.)	6C Multi-mode 62.5/125µm Cable Reel with Flat Box, 150m	1	
	LC to SC Patch Cord 8 Pairs (16C), 2m EVA Box		
	1310nm 1G Media Converter		
1550nm 1G Media Converter	3		

GigaNet 3 Pairs:
Dante Primary
Dante Secondary
Control Net



Optical Fiber Dual Female Socket

Block The Dirty Fiber to Damage SFP

SFP is the core component of electro-optic conversion. Once a dirty connector is inserted, it can cause damage or permanent dirty, the source of dirt could be grease, gravel and dust. So, design of a buffer device on panel is necessary as loss and risk of the buffer zone.

Each time two female connectors mating will cause 0.6dB loss, equivalent to reduce 375m@ 1300nm wavelength, multi-mode fiber 170m@ 850nm wavelength. So, selecting single-mode light source will be a better choice! You may get better margins for the system.



SVP600-MM
Multi-mode DLC
D-type Hole Pitch 19*24mm



SVP600-SM
Single-mode DLC
D-type Hole Pitch 19*24mm



SGDLC01-SM (Blue)
Single-mode DLC
SGDLC01-MM (Beige)
Multi-mode DLC



SOA-SC-FF
Single-mode SC



SOA-SCLC-FF
Single-mode LC to SC



SOA-FC-FF
Single-mode FC

Optical Fiber Data Sheet	Units	Multi-mode			Single-mode			
	Core Diameter	µm	50 +/- 1µm			62.5 +/- 1µm		9.2 +/- 1µm
	Cladding Diameter	µm	125 +/- 1µm					
	Wavelength	nm	850/1300nm			850/1300nm		1310/1550nm
	Typical Attenuation	dB/km	3.5dB/km@ 850nm 1.5dB/km@ 1300nm			3.5dB/km@ 850nm 1.5dB/km@ 1300nm		0.4dB/km@ 1310nm 0.3dB/km@ 1550nm
	Operation Temperature	°C	-20°~+70°C					
	Fiber Count	---	4	6	8	12	1	2
	Out Diameter	mm	6.5	6.5	7.5	7.5	5.0	5.0
	Net Weight	kg/km	65	65	75	75	22	25
	Allowable Bending Radius	(mm)	Dynamic 10D, Normal 15D					
Allowable Tensile	(N)	Long Time 600, Short Time 800						
Crush Resistant	N/100mm	Long Time 3000, Short Time 5000						