

# Fibre Optic Patchcords

## General

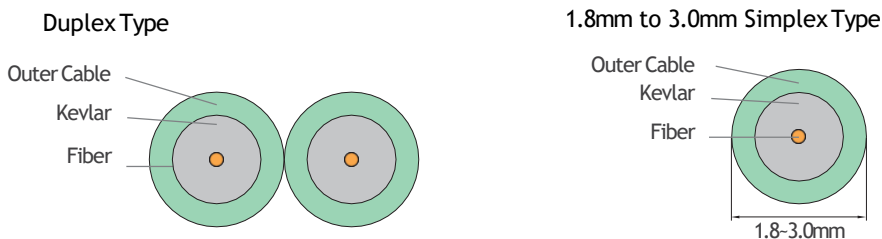
atg Technology Group offers a board variety of fibre optic cable for all indoor access and structure cabling applications such as simplex, duplex, tight buffer, distribution, breakout and ribbon cable. G652D, G657A1/A2, OM1 62.5/125µm, OM2 50/125µm, OM3 and OM4 fibres are available.

Our manufacturing facility is equipped with state of the art production equipment and complimented with sophisticated testing gear. Only premium grade Zirconia ferrules are used in our connectors. From the SENKO family of connectors they feature low insertion loss and low back reflection. High precision alignment ensures the finished patchcords have consistently low optical loss when mated with other connectors.

Together with our stringent quality management, we guarantee our patchcords meet or exceed International Electrotechnical Commission (IEC) standards both optically and mechanically

## Features and Benefits

- Small bending, light weight and highly flexible
- Easy to Install and terminate
- LSZH jacket
- Comply to TIA/EIA568b-3 and ISO/IEC 11801
- Low insertion loss and back reflection for consistent performance
- 100% tested on IL and RL
- RoHS, REACH SvHC compliant
- Telcordia GR-326 compatible



Standard Connector			
Connector Type <sup>ii</sup>	Singlemode <sup>i</sup>		Multimode
	UPC	APC	PC
Insertion loss (dB)	(<math>\leq 0.12\text{dB}</math> mean, <math>\leq 0.25\text{dB}</math> max for >97% of sample)		< 0.3
Return loss (dB)	> 50	> 65	> 25
Core / Cladding size	9/125µm		50/125µm or 62.5/125µm
Jacket type	Low Smoke Zero Halogen (LSZH)		
Jacket Diameter	900µm, 2mm or 3mm		
Operating Temperature	-40 ~ +85 °C		
i. Singlemode Connectors are a product of SENKO Advanced Components			
ii. Includes FC, SC, ST, LC, MU, FDDI, ESCON connectors			
LSZH Patchcord Fire Performances			
Flame retardant	Fire retardant	Low smoke opacity	Halogen free
	IEC 60332-3	IEC 1034-1/2	IEC 60754-1/2

## Ordering Information:

**Please contact atg for more detail and delivery times**