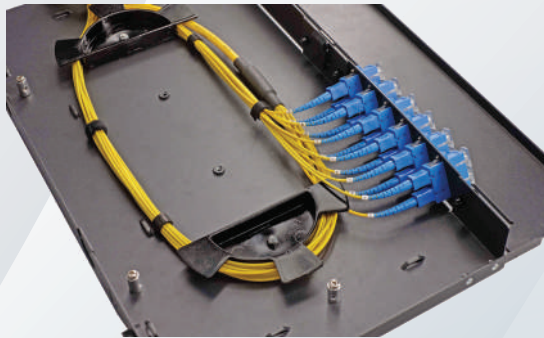


## Bunchy Patchcord (Multicore)



Lightem provides a broad selection of pre-terminated bunchy cable for your special patching need. Preterminated bunchy cable is ideal for saving the splicing space and instant installation of network. Distribution cable, breakout cable, outdoor cable and ribbon cable are available. Pulling eye at each ends is optional. Our production line equips with state of the art manufacturing facilities as well as sophisticated testing equipments.

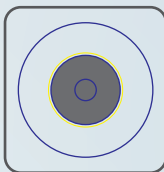
Our connectors feature durable construction to ensure reliable mating time after time. Only premium grade zirconia ferrules are being used for our connectors which feature ultra low concentricity; this ensures the finished patchcords have consistent lowest optical loss when mated with other connectors.

Together with our stringent quality management, we guarantee our patchcord meet or exceed industrial standard both optically and mechanically, which ensure your peace of mind patching installation.

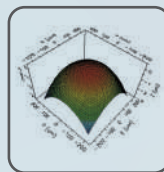
### Features

- Low insertion loss with consistent performance
- 100% tested on IL and RL
- Indoor distribution cable, breakout cable, outdoor armored breakout cable and ribbon cable
- Fanout 900um, 2.0mm and 3.0mm tubing
- Telcordia GR-326 compatible
- OS1, OS2, G657A1, G657A2, OM1(62.5/125), OM2(50/125), OM3, OM4 and OM5 fibers available
- Zirconia ferrule with high concentricity
- Cable outer jacket available in Riser (OFNR) and Low Smoke Zero Halogen (LSZH), Plenum (OFNP)
- Fast and trustful product delivery system

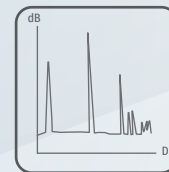
### 100% Lightem Assurance



Connector Surface Inspection



Geometric Inspection



Optical Inspection

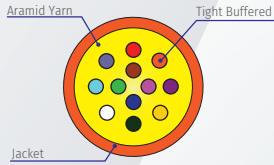
### Specifications

Model	Standard Connector			E 2000 Connector Series		
	Singlemode		Multimode	Singlemode		Multimode
	UPC	APC	PC	UPC	APC	PC
Insertion loss		< 0.3			< 0.4	
Return loss	> 50	> 65	> 25	> 50	> 85	> 40
Cable Count	A, 6, 8, 12, 16, 24, 36, 48					
Jacket Type	PVC or LSZH					
Jacket Diameter	900µm, 2 mm or 3 mm			2 mm or 3 mm		
Operating Temperature	-40 ~ + 85 °C			-25 ~ +70 °C		

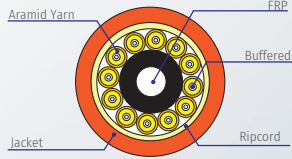
\* Includes FC, SC, ST, LC, MU connectors

# Cable Types

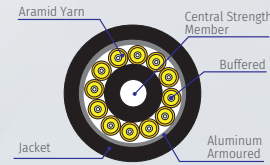
## 1. Distribution Cable



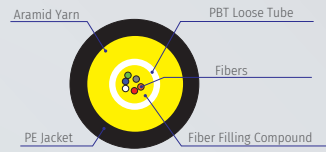
## 2. Breakout Cable



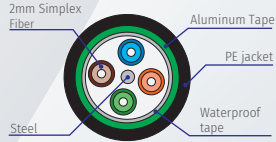
## 3. Outdoor Armoured Breakout Cable



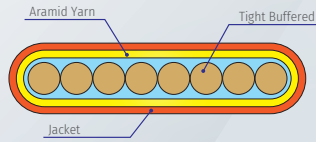
## 4. Indoor / Outdoor Non-Metallic Cable



## 5. Military Ruggedized Cable

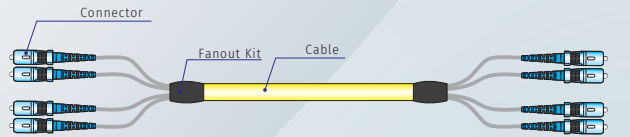


## 6. Ribbon Cable

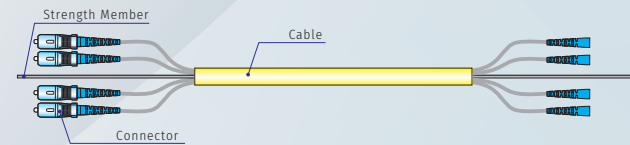


# Product Diagram

### Indoor Distribution Type



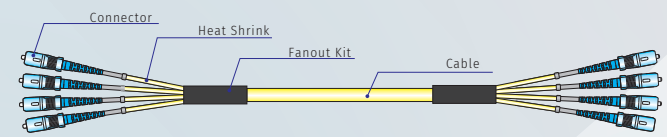
### Breakout Type (2mm)



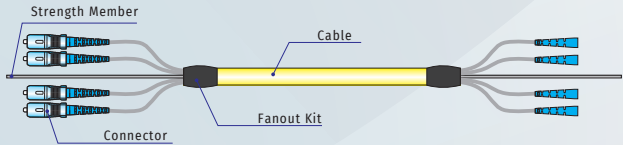
### Outdoor Ruggedized Type



### Ribbon Type



### Breakout Type (0.9mm)



# Ordering Information

Fiber Type	No. of Core	Connector Type 1:	Fanout Fiber Type	Fanout length <sup>1</sup>	Connector Type 2	Fanout Fiber Type	Fanout length <sup>1</sup>	Length (m)	Cable Type	Fanout Junction	Jacket Material
SM - Singlemode G652D	02 - 2 Core 04 - 4 Core	Singlemode Type FU - FC/APC	9 - 900µm	05 - 0.5m 10 - 1m	XX - Pigtail Singlemode Type	9 - 900µm	05 - 0.5m 10 - 1m	0010 - 1m 0015 - 1.5m	01 - Distribution cable 02 - Breakout Cable	HP - Heat shrink with pulling eye	P - PVC L - LSZH
S6 - Singlemode G657A1	08 - 8 Core 12 - 12 Core	FU - FC/APC CU - SC/UPC	2 - 2mm 3 - 3mm	10 - 1m 15 - 1.5m 20 - 2m	FA - FC/APC FA - FC/APC CU - SC/UPC	2 - 2mm 3 - 3mm	15 - 1.5m 20 - 2m	0015 - 1.5m 0990 - 99m	03 - Outdoor Armoured Breakout Cable	HN - Heat shrink kit with pulling eye	
S7 - Singlemode G657A2 (B)	16 - 16 Core 24 - 24 Core	TU - ST/UPC LU - LC/UPC			LA - LC/APC LA - LC/APC MU - UPC				04 - Indoor/Outdoor Non-Metallic Cable	MP - Metal fanout kit with pulling eye	
M6 - MM 62.5/ 125 µm	32 - 32 Core 48 - 48 Core	LA - LC/APC MU - MU/UPC			EU - E2000/APC EA - E2000/APC				05 - Military Ruggedized Cable	MN - Metal fanout kit	
M5 - MM 50/ 125 µm		EU - E2000/APC EA - E2000/APC			EA - E2000/APC				06 - Ribbon Cable		
MO - MM OM3 50/125 µm		DN - DIN/UPC D4 - D4/UPC			EA - E2000/APC				07 - Outdoor Armoured Central Tube Cable		
MO4 - MM OM4 50/125 µm		Multimode Type FC - FC SC - SC ST - ST LC - LC			Multimode Type FC - FC SC - SC ST - ST LC - LC						
MO5 - MM OM5 50/125 µm											

Remark: 1. Place G behind the length if "slide" length is required, e.g. 15G = 1.5m is the shortest length among the different length.

\* Ordering Code Example