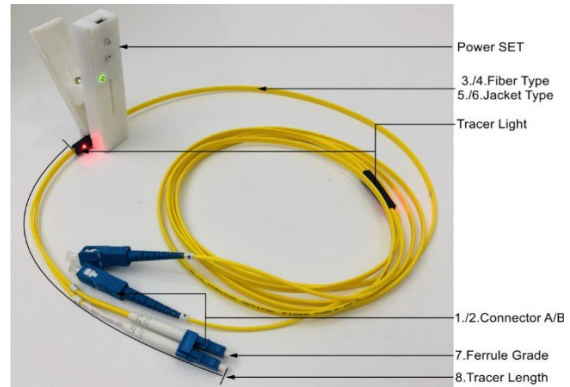
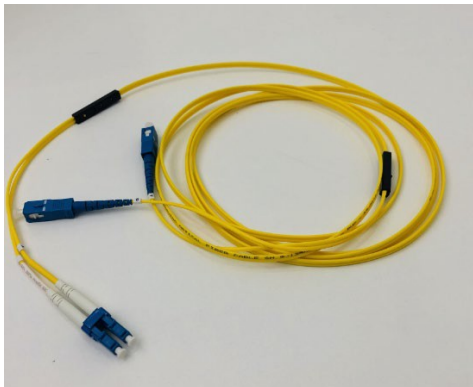


FMT-259XXX-XXXM	Configuration 259	Connector Type
FMT-259000-001	Tracer Power Tool	
FMT-259311-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	LC/UPC-LC/UPC
FMT-259312-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	LC/APC-LC/APC
FMT-259313-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	SC/UPC-SC/UPC
FMT-259314-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	SC/APC-SC/APC
FMT-259315-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	SC/APC-LC/UPC
FMT-259316-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	SC/APC-LC/APC
FMT-259317-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	SC/APC-SC/UPC
FMT-259318-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	LC/APC-LC/UPC
FMT-259319-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	LC/APC-SC/UPC
FMT-259320-XXXM	Fiberdyne Tracer Cable Simplex Singlemode G.652D, 3.0mm Riser, Yellow	SC/UPC-LC/UPC
FMT-259000-001	Tracer Power Tool	
FMT-259411-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	LC/UPC-LC/UPC
FMT-259412-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	LC/APC-LC/APC
FMT-259413-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	SC/UPC-SC/UPC
FMT-259414-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	SC/APC-SC/APC
FMT-259415-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	SC/APC-LC/UPC
FMT-259416-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	SC/APC-LC/APC
FMT-259417-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	SC/APC-SC/UPC
FMT-259418-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	LC/APC-LC/UPC
FMT-259419-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	LC/APC-SC/UPC
FMT-259420-XXXM	Fiberdyne Tracer Cable Duplex Singlemode G.652D, 2.0mm Riser, Yellow	SC/UPC-LC/UPC

**Note:** Multimode and Singlemode G.657A1 options available



1. Fiber Specifications

Item	Parameters			Min	Typical	Max	Unit	Note
1.	Operating Wavelength			1260 ~ 1610				
2.	Insertion Loss	SM	UPC Type			0.20/0.30	dB	[ 1 ]
			APC Type			0.20/0.30	dB	
			E2000/APC			0.5	dB	
		MM	PC Type			0.20/0.30	dB	
			E2000			0.45	dB	
3	Return	UPC Type		55			dB	
		APC Type		65			dB	
		E2000/APC		65			dB	
4	Connection Durability			500			Mating	
5	Connector Repeatability					0.1	dB	
6	Operating Temperature			-20		+70	°C	
7	Jacket Type	Simplex/Duplex		PVC/LSZH/OFNR				
8	Fiber Type	Simplex		3.0mm				
		Duplex		2.0*2mm				
9	Fiber Length	Between 1-3M		+ 100				mm
		Longer than 3M		+ 200				mm
		Split Length (M)		Refer to PN Assignment				
		Tolerance for split length		+ 50				mm
10	Tracer Length	Tolerance for length		+/-30				mm
11	PatchCord – Tracer Pull Tension			15				Kg
<b>DORC Test</b>				<b>UPC</b>		<b>APC</b>		<b>Note</b>
Radius of Curvature (mm)				7 ~ 25		5 ~ 12		
Fiber Height (nm)				± 50		± 50		
Apex (um)				≤ 50		≤ 50		
Degree (*)				--		8 ± 0.3		
<b>Ferrule Length After Polishing</b>								
FC				3.90 +0.15 -0.10			mm	
SC				1.80 +0.20 -0.10			mm	
ST				7.9 ± 0.10			mm	
LC				1.80 + 0.10 -0.15			mm	
MU				1.90 ± 0.20			mm	
E2000				1.20 +0.10 -0.20			mm	
<b>End-face Inspection</b>								
200x End-face Inspection								

Note:

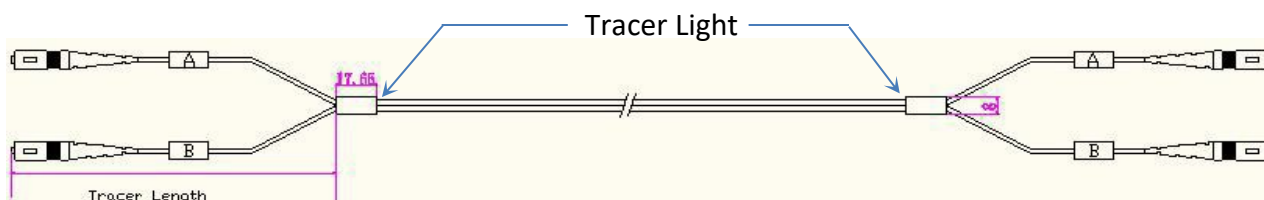
1. Only test 1310nm at room temperature for single-mode jumper. 850 nm for multimode jumper.
2. All materials are RoHS compliance.
3. All cables and connectors comply to JIS, IEC international standard.

## 2. Tracer Power Specifications

Item	Parameters		Unit	Note
1	Tracer Power - Input	DC Voltage	5	V
		Current	0.20 ~ 0.80	Ah
2	Tracer Power - Output	DC Voltage	2.0 - 2.8	V
		Current	2 - 3	mA
		Transmission Distance	300 - 500	M
3	Tracer Light - Output	DC Voltage	2.0 - 2.6	V
		Current	2 - 3	mA

## 3. Product Appearance

### 3.1



### 3.2 Connector Appearance

SM	G652D/G657A1	FC	PC	Metal	Black	Clear
			APC	Metal	Green	Clear
		SC	PC	Blue	Blue	Clear
			APC	Green	Green	Clear
		ST	PC	Metal	Yellow	Clear
			-	-	-	-
		LC	PC	Blue	White	White
			APC	Green	Yellow	White
		MU	PC	Brown	Blue	Black
		E2000	PC	Blue	Blue	Blue
APC	Green		Green	Green		
MM	62.5/125µm (OM1) 50/125 µm (OM2/OM3)	FC	PC	Metal	Blue	Clear
		SC	PC	Blue	Black	Clear
		ST	PC	Metal	Black	Clear
		LC	PC	Beige	White	White
		E2000	PC	Black	Black	Black