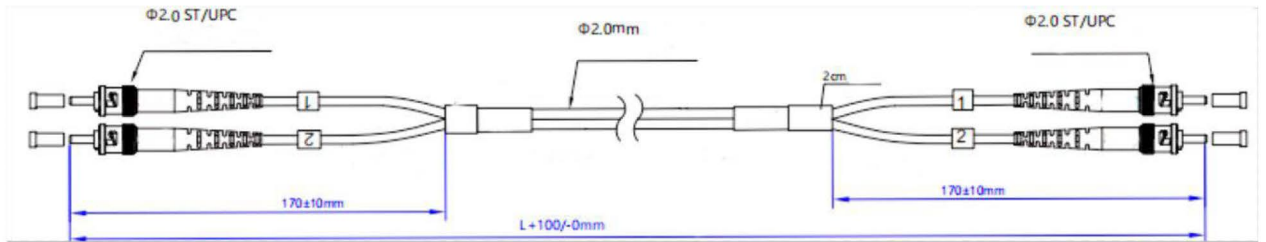


## 90-1000-XXM

### SINGLE MODE DUPLEX- 9/125 YELLOW ST/ST

#### Technical Specification

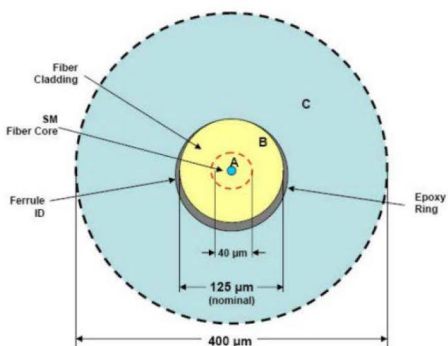


Connector Type	SM Boot Color	SM Frame Color
ST	Black	White

#### . Functional Specification

Parameter	Unit	SC LC SC fiber patch cord				ST		
		SM			MM	SM		MM
		PC	UPC	APC	PC	PC	UPC	PC
Insertion loss	dB	≤0.3	≤0.2	≤0.3	≤0.3	≤0.3	≤0.2	≤0.3
Return loss	dB	≥50	≥50	≥60	≥38	≥50	≥50	≥38
Operating wavelength	nm	1310,1550				1310,1550		
Exchangeability	dB	≤0.2				≤0.2		
Vibration	dB	≤0.2				≤0.2		
Temperature range	°C	-40 ~ 85				-40 ~ 85		
Cable diameter	mmM	φ2.0/φ3.0				φ2.0/φ3.0		
Length	mtrs	1.2.3.4 etc.						

#### . Interface Requirement



Unqualified type	A area (<25um)	B area (25 ~ 125um)	C area (125 ~ 250um)	C area (>250um)
Scratch ( width )	NO	>2um:NO >1um:3 <1um:Regardless	>2um:NO	acceptable
Pits and should not wipe things (diameter)	NO	>5um:NO <5um:3 <1um:Regardless	>10um:NO SUM<20um	>30um:NO
Crack (diameter)	NO	NO	NO	single<20um, SUM<100um
dust	NO	NO	NO	NO
Rubber edge	width≤3um,length≤1/2 circle			