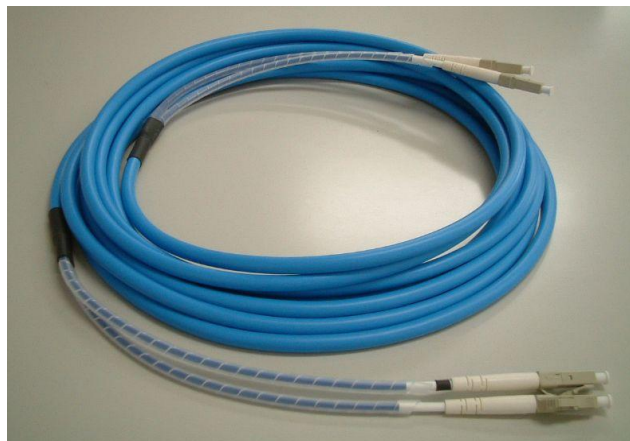


Optical fiber interface

Robot (U-bending) and High-speed transmission usage cable.

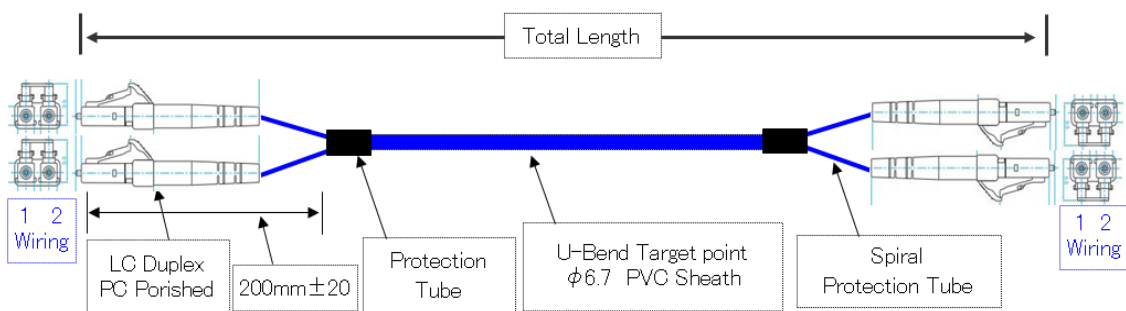
Robot Optical Fiber I/F(MM50) (Fused silica glass Multi-mode)

Structure example [Composition cable]	Core	50 μ m
	Cabling	PVC (Blue) ϕ 2.1
	Power supply cable addition (for a demand)	
	tension member	Aramid fiber
	Tape	
PVC (Blue) Sheath		
Minimum bending radius (Guide Line)		50mm
Adaptation Connector		LC
1 channel Max Length (Guide Line)		1Gbps $\Rightarrow$ 200m 10Gbps $\Rightarrow$ 25m
Loss	Fiber	$\sim$ 3dB/km ($\lambda = 850$ nm)
Band	Fiber	500MHz $\cdot$ km $\sim$ ($\lambda = 850$ nm)

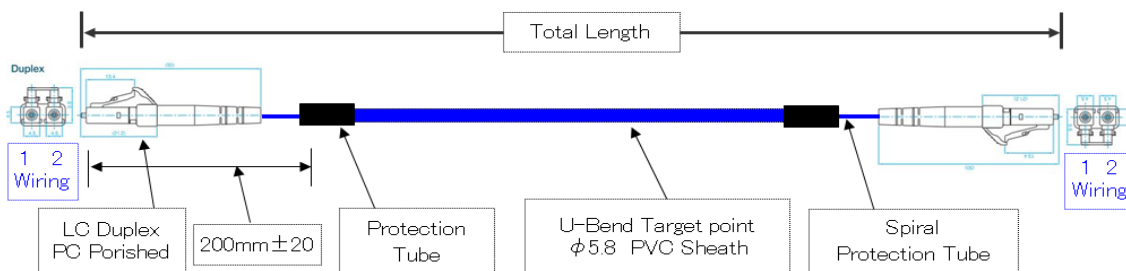


LC Connector $\times$ 2Cores PC Porished

Product name : NMM50LC4C**m (** $\Rightarrow$ Total Length) 【Optical Fiber $\Rightarrow$ 4 channel】



Product name : NMM50LC2C**m (** $\Rightarrow$ Total Length) 【Optical Fiber $\Rightarrow$ 2channel】



U-Bend Examination

Stroke : 0.5m
 Bending Radius : 50mm
 Acceleration : 4G
 Speed : 2.5m/sec
 Momentary stop : 0.5sec
 Pass : 50million times

Note: It is a test value, not a guaranteed value

