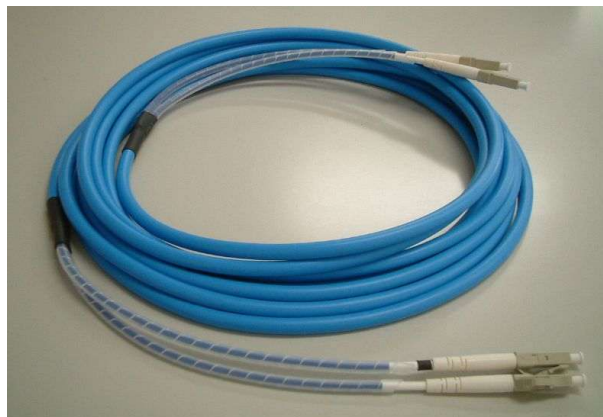


Optical fiber interface

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

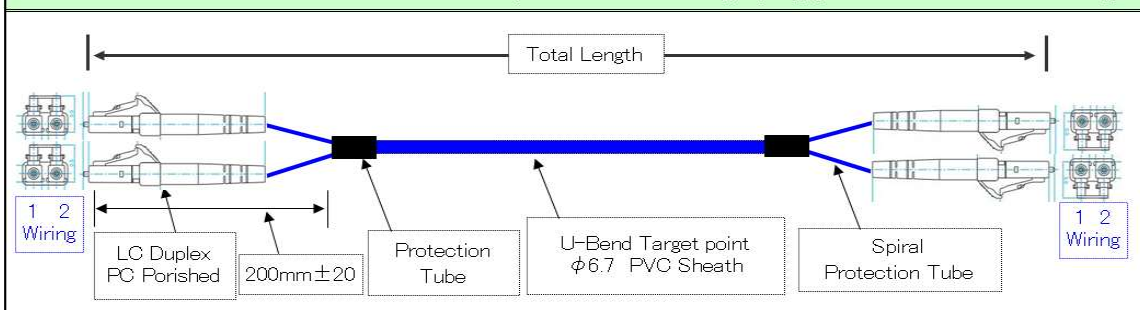
Robot Optical Fiber I/F (MM50) (Fused silica glass Multi-mode)

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⇒200m	10Gbps⇒25m
Loss	Fiber	~3dB/km (λ =850nm)	
Band	Fiber	500MHZ・km~ (λ =850nm)	

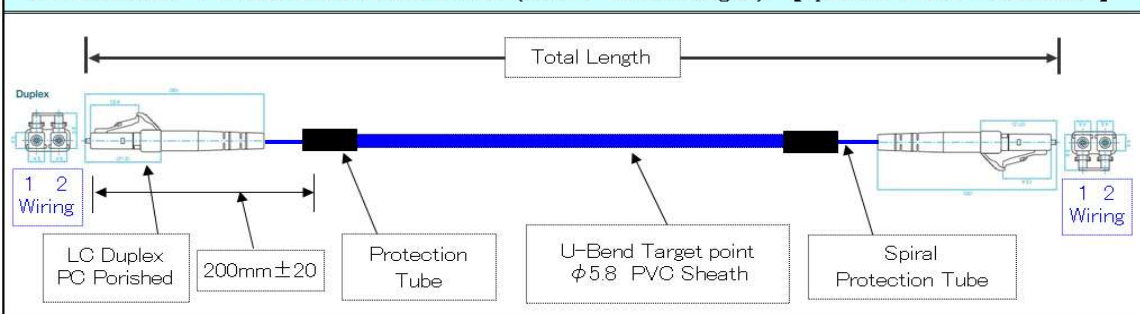


LC Connector $\times$ 2Cores PC Porished

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



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



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

