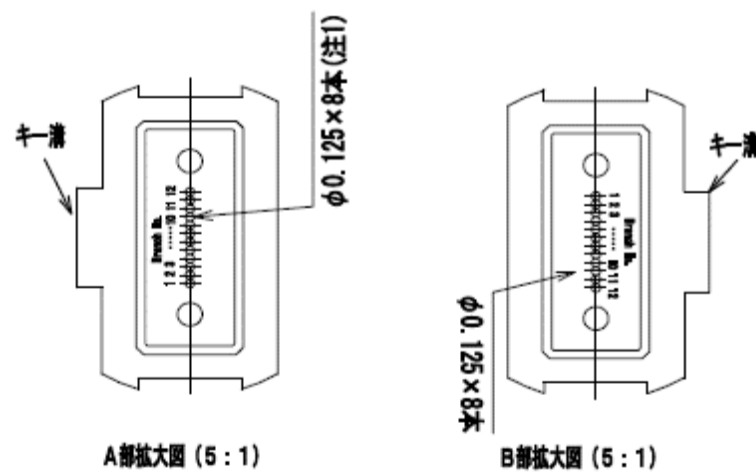
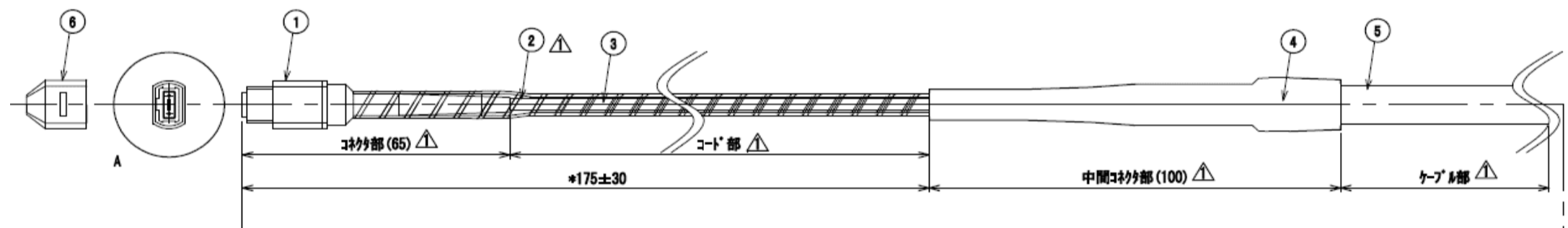


Optical fiber interface

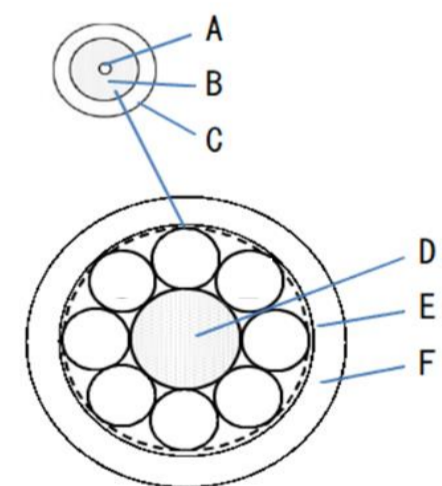
Robot (U-bending) and High-speed transmission usage cable.

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

Item name	NMM50MPO8C**M (** ⇒ length ,M)	
Structure example	Core	50μm
	Cabling	PVC (Blue) φ2.1
	Power supply cable addition (for a demand)	
	tension member Aramid fiber	
	Tape	
PVC (Blue) Sheath		
Minimum bending radius (Guide Line)	50mm	
Adaptation Connector	MPO	
1 channel Max Length (Guide Line)	10Gbps⇒100m	
Loss	Fiber	~3 dB/km (λ=850nm)
Band	Fiber	1500MHz · km~ (λ=850nm)

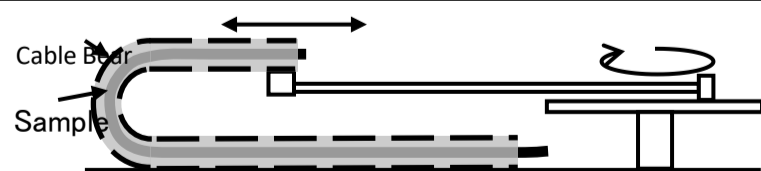


CN1	CN2
1	12
2	11
3	10
4	9
5	8
6	7
7	6
8	5
9	4
10	3
11	2
12	1



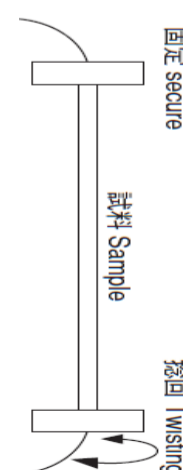
- 8 pieces of CN 1-4, 9-12
- Type B wiring

Cable outer diameter 9.8φ



U-Bend Examination

Stroke : 0.8m
 Bending Radius : 50mm
 Acceleration : 2.2 G (average) 3.4 G (maximum)
 Pass : 9,900,000 times
 Up to 50 million times ongoing



Twist test

Angle: ± 180°
 Width: 500 mm
 Speed: 15 times / min
 Pass : 1,000,000 times

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