



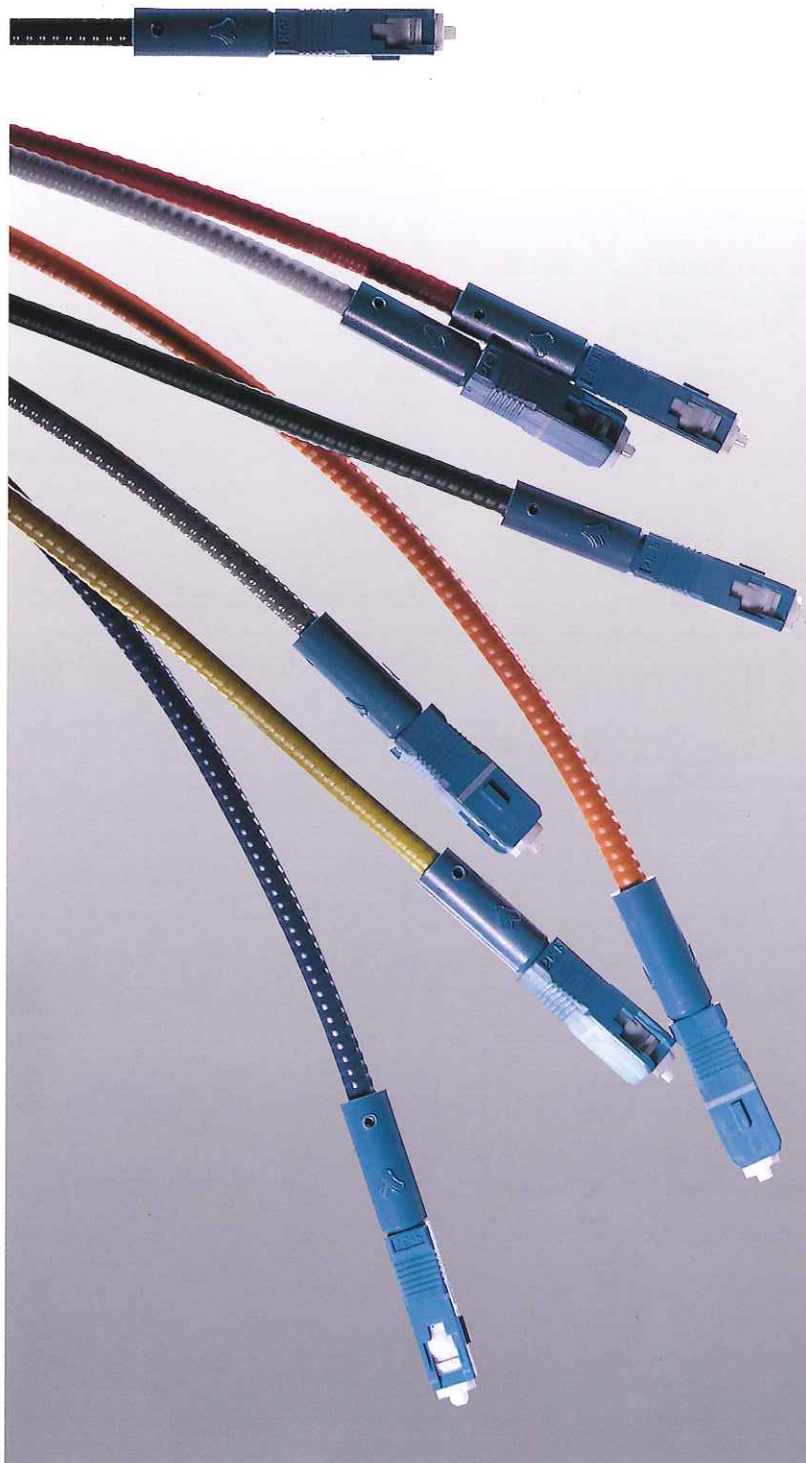
Heavy Duty PICOFLEC !

PICOFLEC®/PLJ

Complete solutions to eliminate the closest possible attention to side pressure, tensile and bending strength.

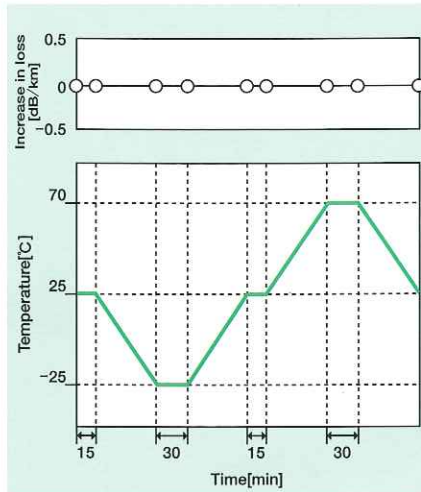
Features of PICOFLEC®/PLJ

- Fire-retardant PVC sheath coated-flexible stainless steel tubes gently safeguard optical fibers.
- Widest possible applications to GI, SM, HPCF, MGF, and fiber ribbons.
- 8 colors of PVC coating correspond to those of optical fibers (red, orange, yellow, green, blue, white, gray, and black).
- Heavy duty connectors ensure breakage- or damage-safe optical fibers.
- 8-strand (fibers) PICOLOOP are available.
- PICOFLEC of 500 m or more are also available.

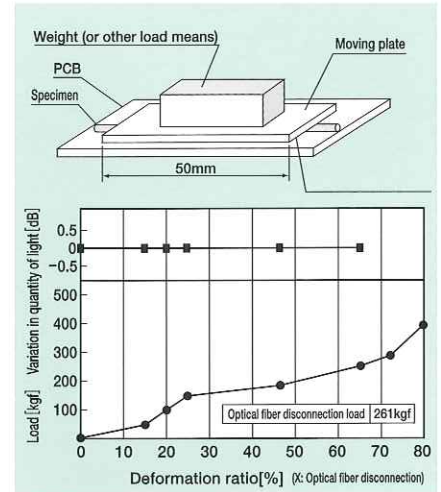


PICOFLEC®/PLJ

■ PICOFLEC Testing



Temperature Characteristics



Press-destruction test

■ Connector Polishing Specification Sheet

Optical fiber	SM10/125					GI 50/125, GI 62.5/125			
	Polishing	Flat	PC	SPC	AdPC	Angled PC	Flat	PC	SPC
FC		○	○	○	○	○	○	○	○
SC		○	○	○	○	○	○	○	○
DSC		○	○	○	○	○	○	○	○
ST		○	○	○	○	○	○	○	○
FDDI		○	○	○	○	○	○	○	○
LOCP		○	○	○	○	○	○	○	○
DL		○	○	○	○	○	○	○	○
Insertion loss or less (db)		1.0 or less	0.5 or less	0.5 or less	0.5 or less	0.5 or less	1.0 or less	0.3 or less	0.5 or less
Reflection loss or more (db)		(14 or more)	25 or more	40 or more	40 or more	60 or more	(14 or more)	22 or more	35 or more

Note: For a cord type with optical fibers, please contact our sales office.

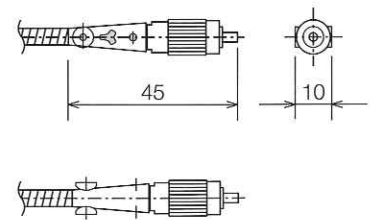
FC Picoflec

Heavy Duty FC PICOFLEC
Conforming to JIS F01



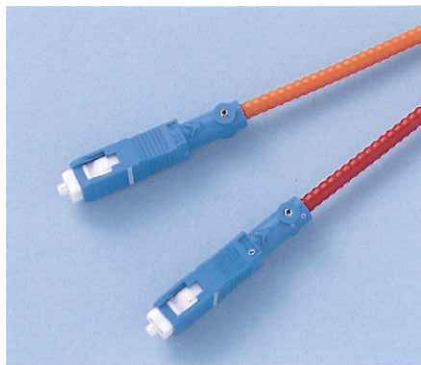
(This photo is 1.8 N Picoflec)

■ FC Connector Housing



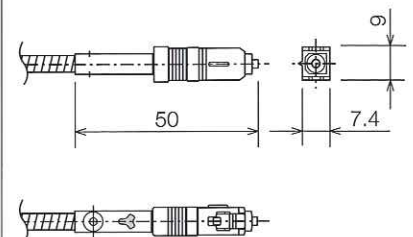
SC Picoflec

Heavy Duty SC PICOFLEC
Conforming to JIS F04



(This photo is 1.8 N Picoflec)

■ SC Connector Housing

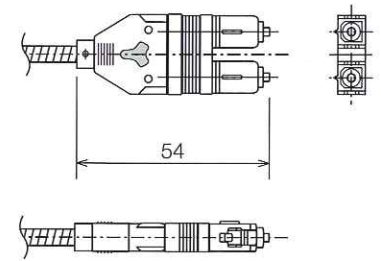


DSC Picoflec

Heavy Duty DSC PICOFLEC
Conforming to JIS F04, SC duplex type



■ DSC Connector Housing

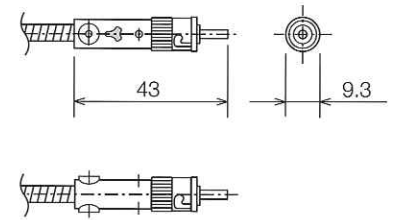


ST Picoflec

Heavy Duty SC PICOFLEC
Conforming to JIS F09



■ ST Connector Housing



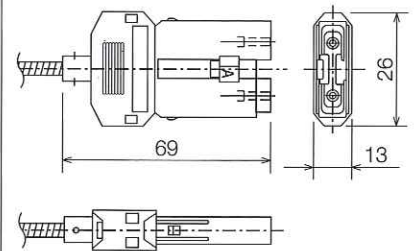
Note: STTM is a trademark of Lucent Technology Inc.

FDDI Picoflec

Heavy Duty FDDI PICOFLEC
(Any setting of guide keys A, B, M and free are available)

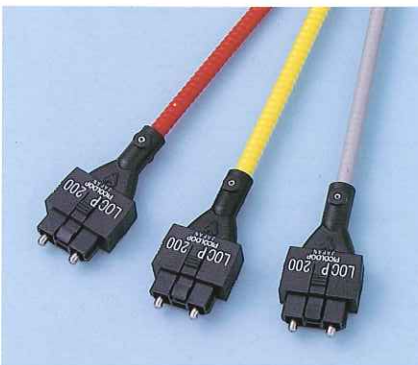


■ FDDI Connector Housing

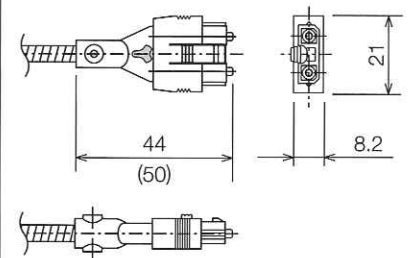


LOCP201(200)

Heavy Duty LOCP
Conforming to JIS F07
Compatible bilateral Toslink & Sumilink



■ LOCP Connector Housing

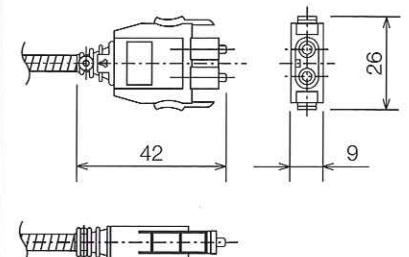


DL Picoflec

Heavy Duty DL PICOFLEC
Conforming to JIS F08
Sequencer controller

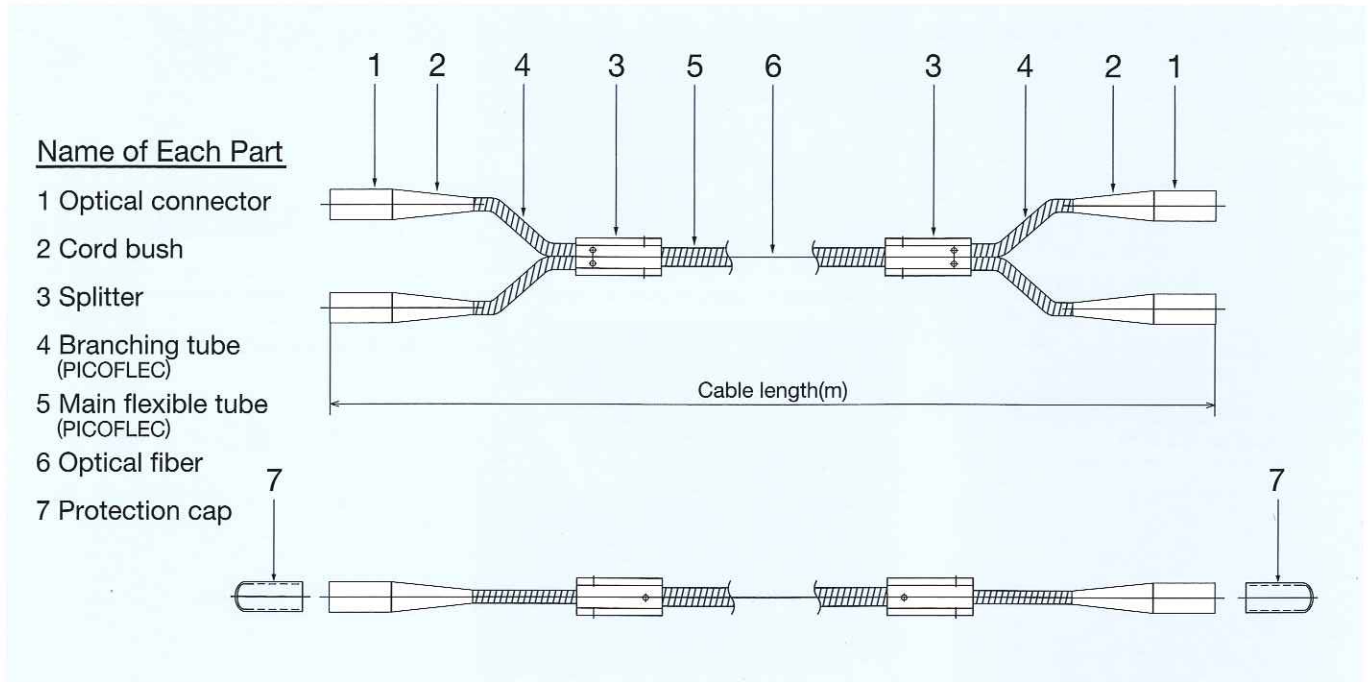


■ DL Connector Housing



ORDER INFORMATION

Configuration and Name of Each Part



Name of Each Part

- 1 Optical connector
- 2 Cord bush
- 3 Splitter
- 4 Branching tube (PICOFLEC)
- 5 Main flexible tube (PICOFLEC)
- 6 Optical fiber
- 7 Protection cap

Standard Ordering Code

PLJ /

Number of both-ended connectors

Connector specification	
Type	Code
FC	FC
SC	SC
DSC	DC
ST	ST
DP	DP
DL	DL
MIC	MC

Optical fiber specification

Type	Designation	Code
GI	50/125	G1
	80/125*	G2
	200/250*	G3
	400/500*	G4
	62.5/125	G5
SM	10/125	S1
	8/125	S2
MGF	200/250	M1
HPCF	200/230	H1
	200/250*	H2

(*customized product)

Optical fiber polishing specification

Type	Code
Spherical polishing	P
Plane polishing	H
Angled polishing(8°)	N

Main flexible tube type

Type	Code
KSP-1.8N	18
KSP-2.6N	26
KSP-3.0N	30
KSP-4.0N	40

Flexible tube color

Type	Code
black	B
green	G
yellow	Y
blue	S
orange	D
red	R
white	H
gray	N

Cable length

Length (unit: m)			
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[Product Designation Example 1]

2-fiber single mode SC type

Main flexible 26, 10 m cable length PLJ

PLJ2/2-SC-S1-P-26-Y-0010

[Product Designation Example 2]

2-fiber single mode FC/SC type

Main flexible 26, 10 m cable length PLJ

PLJ2FC/2-SC-S1-P-26-Y-0010

Flexible tube specification table (unit: mm)

Symbol	KSP-1.8N	KSP-2.6N	KSP-3.0N	KSP-4.0N
Material	SUS304BA PVC sheath			
Inner diameter	$\phi 1.8 \pm 0.2$	$\phi 2.6 \pm 0.2$	$\phi 3.0 \pm 0.2$	$\phi 4.0 \pm 0.2$
Outer diameter	$\phi 2.9 \pm 0.2$	$\phi 3.8 \pm 0.2$	$\phi 4.6 \pm 0.2$	$\phi 5.6 \pm 0.2$
Minimum bending radius	R 40 ± 0.2	R 40 ± 0.2	R 40 ± 0.2	R 40 ± 0.2
Sheath outer diameter	$\phi 3.5 \pm 0.2$	$\phi 4.8 \pm 0.2$	$\phi 6.0 \pm 0.2$	$\phi 7.0 \pm 0.2$

Cable length tolerance

	Length	Tolerance
Cable length	Less than 10m	+200 -0 (mm)
	10m or more	+5 -0 (%)
Branching tube length	Less than 5m	+100 -0 (mm)
	5m or more	+5 -0 (%)

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