

Cord Type PICOFLEC!

PICOFLEC'/PLC

Complete solutions to eliminate the closest possible attention to side pressure, tensile and bending strength. PICOLOOP and connectors are best combined. Employment of thinned branching tubes and PICOCORD offers minimum space and high mount density anytime.



Features of PICOFLEC%PLC

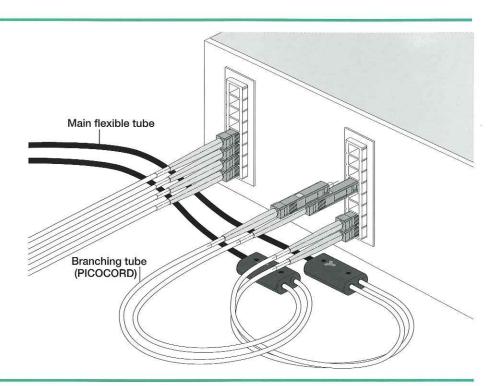
- Widest possible applications to GI, SM, and fiber ribbons.
- 8 colors of the PVC coating correspond to those of optical fibers (red, orange, yellow, green, blue, white, gray and black).
- To gently safeguard optical fibers, a metallic flexible tube is used between the optical identifier and the optical transmission device; and a high density PICOCORD is used in the branching tube.
- 8-strand (fibers) PICOLOOP are also available.

PICOFLEC'/PLC

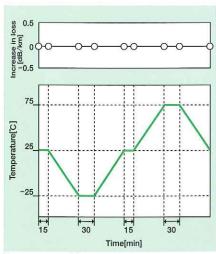
A debut of new standard MU conforming connectors! A cord type PICOFLEC minimizes installation space and increases the surface mount density.

PICOFLEC*/PLC Series Extremely ideal for high density surface mounts.

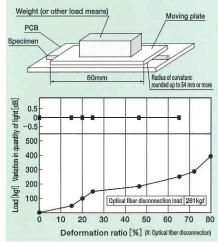
Safeguards optical fibers gently by using the PICOCORD that enhances the mount density in the branching tube.



■ Main flexible tube Testing



Temperature Characteristics



Press-destruction test

Connector Polishing Specification Table.

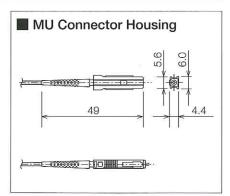
Optical fiber	SM10/125			GI 50/125, GI 62.5/125				
Connector	Flat	PC	SPC	AdPC	Angled PC	Flat	PC	SPC
MU		0	0	0			0	0
LC		0	0	0			0	0
FC	0	0	0	0	0	0	0	0
SC	0	0	0	0	0	0	0	0
DSC	0	0	0	0	0	0	0	0
DP	0	0	0	0		0	0	0
ST	0	0	0	0		0	0	0
Insertion loss or less(db)	1.0 or less	0.5 or less	0.5 or less	0.5 or less	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 cord with optical fibers, please contact our sales office.

PLC-MU

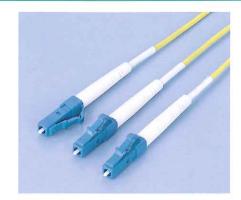
Cord Type MU PICOFLEC Conforming to JIS F14

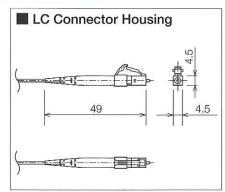




PLC-LC

Cord Type LC PICOFLEC Conforming to JIS F14

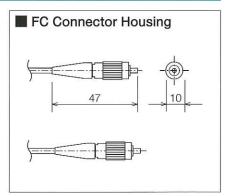




PLC-FC

Cord Type FC PICOFLEC Conforming to JIS F01

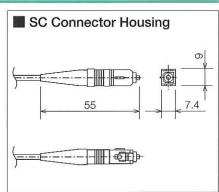




PLC-SC

Cord Type SC PICOFLEC Conforming to JIS F04

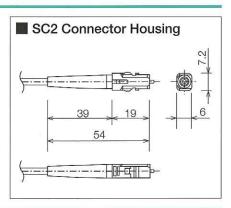




PLC-SC2

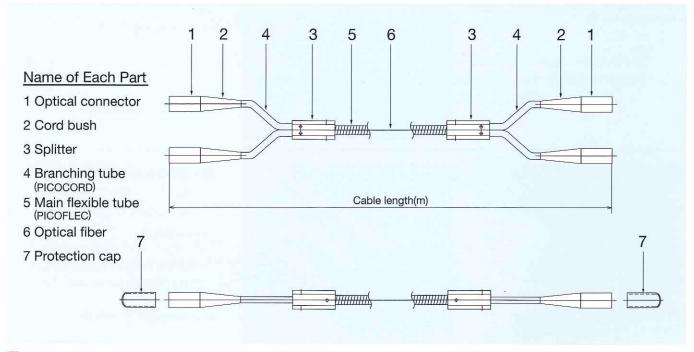
Cord Type SC2 PICOFLEC Conforming to JIS F04



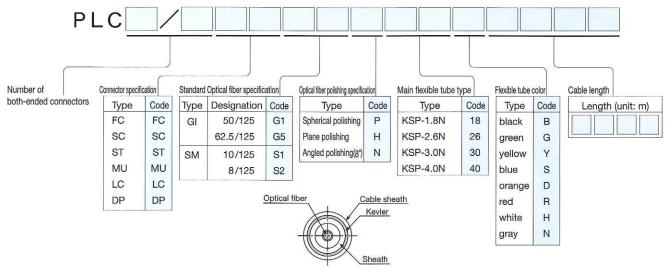


ORDER INFORMATION

Configuration and Name of Each Part



Standard Ordering Code



[Product Designation Example 1] 2-fiber single mode SC type Main flexible 26, 10 m cable length PLJ

PLC2/2-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

PLC2FC/2-SC-S1-P-26-Y-0010

Flexible tube spec, sheet (unit: mm)

Symbol	KSP-1.8N	KSP-2.6N	KSP-3.0N	KSP-4.0N
Material	5	SUS304BA P	VC sheath	
Inner diameter	φ 1.8±0.2	φ 2.6±0.2	φ3.0±0.2	φ 4.0±0.2
Outer diameter	φ2.9±0.2	φ 3.8±0.2	φ 4.6±0.2	φ 5.6±0.2
Minimum bending radius	R40±0.2	R40±0.2	R40±0.2	R40±0.2
Sheath outer diameter	φ 3.5±0.2	φ 4.8±0.2	φ6.0±0.2	φ7.0±0.2

PICOCORD Cross Section

Cable length tolerance

Sales Representative Office

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

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Nippon Steel Welding Products & Engineering Co., Ltd.

Nippon Steel Welding Products & Engineering Co., Ltd. 6-1, Higashi Narashino 7-chome, Narashino-shi,

Telephone: +81-47-479-1179 Facsimile: +81-47-479-4371

Optoelectronics Business Unit Chiba 275-0001, Japan http://www.nswelding.co.jp/indexENG.html