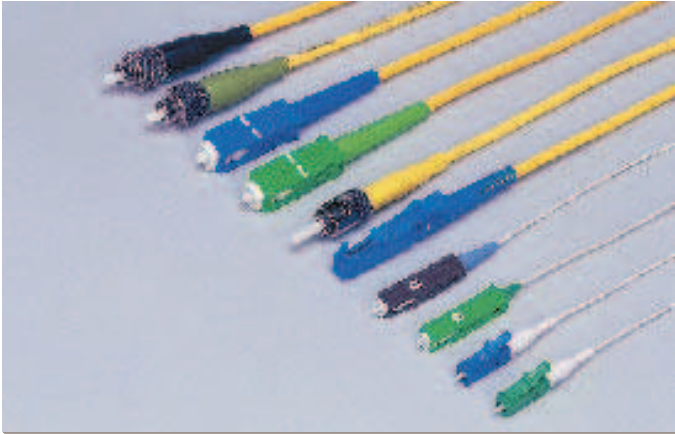


[JUMPER CABLE]

- Our precision optical cable manufacturing services can provide a wide range of standard and custom cables to meet a wide range of requirements
- Specialty cables, master reference and tune adjust cables available
- All cables tested, serialized, labeled in individual bags with complete test information
- Production facility meets the strictest quality controls under ISO9001 and connector components meet or exceed industry standard performance levels

U.S. Pat. No. 5,688,905

STANDARD JUMPER



ORDERING INFORMATION

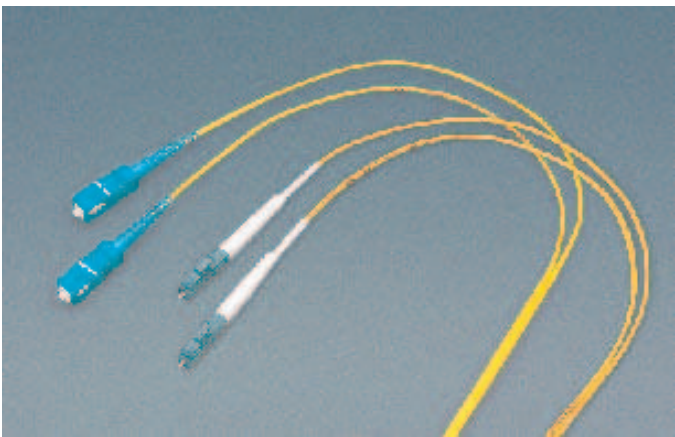
SM, ø2.0mm, SC/PC-SC/PC, 6m length

Part number **a** - **b** - **c** - **d**

Ex.) JJ - SSCP2 - W - 6

a	JUMPER TYPE	JUMPER	JJ
		PIGTAIL	JP
		MASTER JUMPER	MJ
		MASTER PIGTAIL	MP
		2 WAY JUMPER	JJD
b	CONNECTOR TYPE	SEE TABLE 1	
		2 WAY PIGTAIL	JPD
c	FIBER TYPE	SINGLE-MODE	W
		MULTI-MODE (50/125µm)	M1
		MULTI-MODE (62.5/125µm)	M2
		DSF	D
d	LENGTH	5m	5
		10m	10

HYBRID JUMPER



ORDERING INFORMATION

Duplex SM, ø2.0mm, SC/PC-LC/AP, 6m length

Part number **a** - **b** / **c** - **d** - **e**

Ex.) JJD - SSCP2 / SLCPN2 - W - 6

a	JUMPER TYPE	JUMPER	JJ
		MASTER JUMPER	MJ
		2 WAY JUMPER	JJD
b/c	CONNECTOR TYPE	SEE TABLE 1	
d	FIBER TYPE	SINGLE-MODE	W
		MULTI-MODE (50/125µm)	M1
		MULTI-MODE (62.5/125µm)	M2
		DSF	D
e	LENGTH	5m	5
		10m	10

Table 1. CONNECTOR TYPE

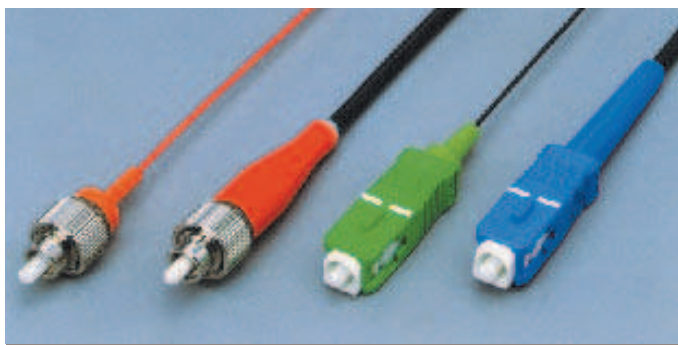
	Type	φ 1	φ 2	φ 3
PC RL ≥ 50dB	FC	SAP4	SAP1	SAP1
	SC	SSCP1	SSCP2	SSCP3
	ST	SLP1	—	SLP2
	MU	SMUC1	SMUC2	—
	LC	SLCC1	SLCC2	—
Angle PC RL ≥ 60dB	FC Narrow key (R)	SNP5K	SNP2K	SNP2K
	FC Wide key (N)	SNP5D	SNP2D	SNP2D
	SC	SSCPN1	SSCPN2	SSCPN3
	MU	SMUCN1	SMUCN2	—
	LC	SLCPN1	SLCPN2	—

Option

- Available custom designed Jumper Cable
- AR coating, Fiber Metallization
- FC/Angle PC connector ferrule combination
 - Narrow key (R) ... Step ferrule
 - Wide key (N) ... Conical ferrule

PM JUMPER

PM HYBRID JUMPER



PM JUMPER

ORDERING INFORMATION

SC/PC-SC/PC, Key=Free, 1310mm

ø2.0mm, 6m length

Part number a - b - c - d - e

Ex.)

PJ-PC12B-F-13-6

a	NUMBER OF CONNECTOR	PM JUMPER	PJ
		PM PIGTAIL	PP
b	CONNECTOR TYPE	SEE TABLE 2	
c	AXIS (SEE TABLE 3)	FREE (FC)	F
		X (FAST)	X
		Y (SLOW)	Y
		O (OTHER)	O
d	WAVELENGTH	1310nm	13
		1550nm	15
e	LENGTH	10m	10

PM HYBRID JUMPER

ORDERING INFORMATION

SC/PC-FC/APC, Key=X, 1550mm,

ø2.0mm, 8m length

Part number a - b - c / d - e - f - g

Ex.)

PJ-PC12B-X / PF12C-X-15-8

a	NUMBER OF CONNECTOR	PM JUMPER	PJ
b	CONNECTOR TYPE	SEE TABLE 2	
c	AXIS (SEE TABLE 3)	FREE (FC)	F
		X (FAST)	X
		Y (SLOW)	Y
		O (OTHER)	O
d	CONNECTOR TYPE	SEE TABLE 2	
e	AXIS (SEE TABLE 3)	FREE (FC)	F
		X (FAST)	X
		Y (SLOW)	Y
		O (OTHER)	O
f	WAVELENGTH	1310nm	13
		1550nm	15
g	LENGTH	10m	10

Table 2. CONNECTOR TYPE

	Type	φ 1	φ 2
PC RL≥50dB	FC	PF11	PF12B
	SC	PC11	PC12B
	MU	PU11	—
	LC	PL11	—
Angle PC RL≥60dB	FC Narrow key (R)	PF11A	PF12C
	FC Wide key (N)	PF11AN	PF12CN
	SC	PC11A	PC12C

Table 3. POLARIZATION AXIS

Polarization	F (Free)	X (Fast)	Y (Slow)	O (Other)
Direction of the stress producing members against the key				
	The stress producing members are free to the key. (the key is not fixed)	The stress producing members are horizontal to the key : 0°±3°	The stress producing members are perpendicular to the key : 0°±3°	The stress producing members are at the designate angle to the key