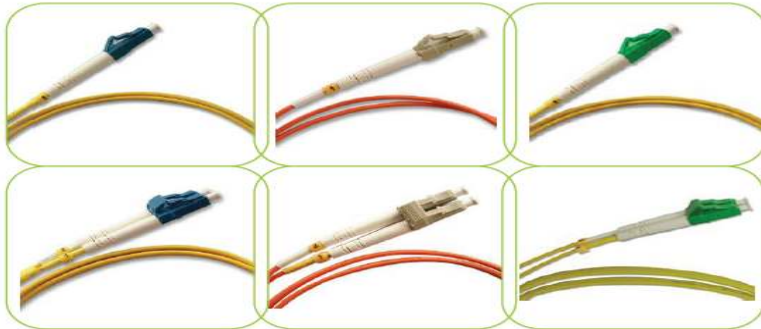




LC Patch Cord



Features & Availabilities

- RJ-45 style with push-pull coupling mechanism
- SFF (Small Form Factor), compact size
- Simplex and Duplex assemblies available
- PC and APC polishing
- Hybrid patch-cords available upon request
- Fan-out available
- Pigtail available

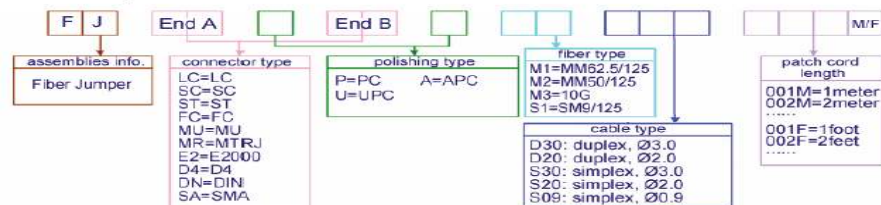
Applications

- Telecommunication networks
- Building access
- Cabling system, ODF
- Connection of optical transmission equipments and devices
- Computer network
- FTTX applications
- CATV

Specifications

		Singlemode	Multimode
Body	Material	Plastic	Plastic
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	0.9mm, 2.0mm, 3.0mm	0.9mm, 2.0mm, 3.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	1.25mm	1.25mm
	Material	ZrO ₂ (Ceramic)	ZrO ₂ (Ceramic)
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		RJ45 style	RJ45 style
Polishing		UPC, APC	PC
Working Temp. range		-40°C ~ +80°C	
Tension of cable	Long term	60N(Φ2.0-SX),80N(Φ3.0-SX),100N(Φ2.0-DX), 160N(Φ3.0-DX)	
	Short term	100N(Φ2.0-SX),150N(Φ3.0-SX),200N(Φ2.0-DX), 300N(Φ3.0-DX)	
Crush of cable	Long term	100N/100mm(Φ2.0-SX; Φ3.0-SX);200N/100mm(Φ2.0-DX; Φ3.0-DX)	
	Short term	500N/100mm(Φ2.0-SX; Φ3.0-SX);1000N/100mm(Φ2.0-DX; Φ3.0-DX)	

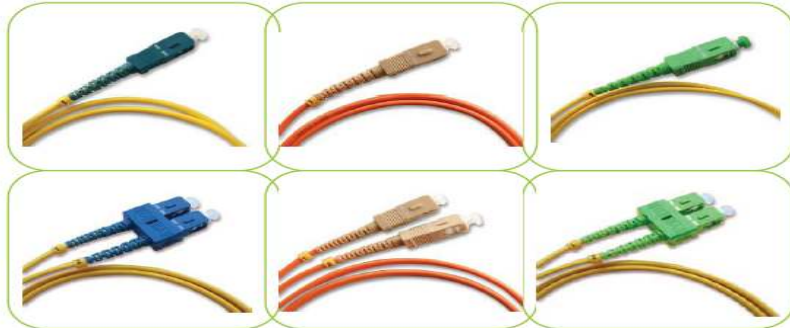
Ordering information



Datamax Technologies
 804-550-0681
 804-550-0692 fax
www.datamaxtechnologies.com

SC Patch Cord

P2



Features & Availabilities

- Plug-in coupling mechanism
- Simplex and Duplex assemblies available
- PC and APC polishing
- hybrid patch-cords available upon request
- Fan-out available
- Pigtail available

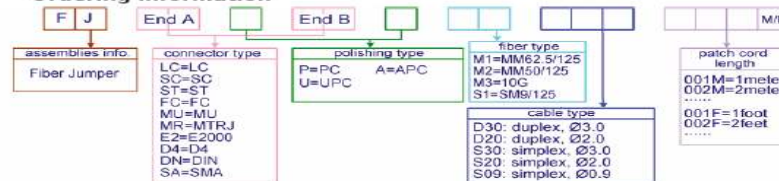
Applications

- Telecommunication networks
- Building access
- Cabling system, ODF
- Connection of optical transmission equipments and devices
- Computer network
- FTTX applications
- CATV

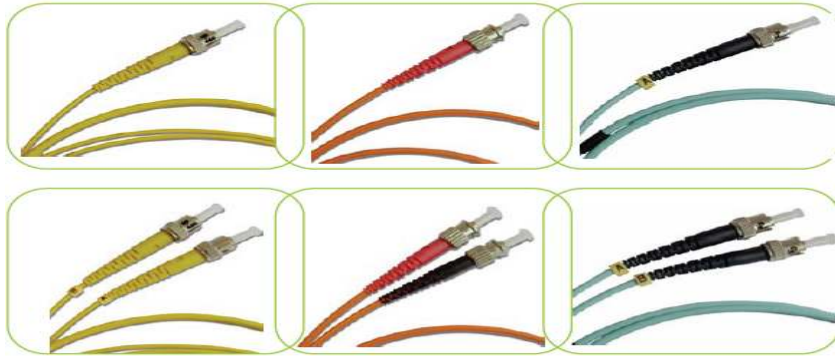
Specifications

		Singlemode	Multimode
Body	Material	Plastic	Plastic
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	0.9mm, 2.0mm, 3.0mm	0.9mm, 2.0mm, 3.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	2.50mm	2.50mm
	Material	ZrO ₂ (Ceramic)	ZrO ₂ (Ceramic)
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		Plug-in	Plug-in
Polishing		UPC, APC	PC
Working Temp. range		-40°C ~ +80°C	
Tension of cable	Long term	60N(Φ2.0-SX),80N(Φ3.0-SX),100N(Φ2.0-DX), 160N(Φ3.0-DX)	
	Short term	100N(Φ2.0-SX),150N(Φ3.0-SX),200N(Φ2.0-DX), 300N(Φ3.0-DX)	
Crush of cable	Long term	100N/100mm(Φ2.0-SX;Φ3.0-SX);200N/100mm(Φ2.0-DX;Φ3.0-DX)	
	Short term	500N/100mm(Φ2.0-SX;Φ3.0-SX);1000N/100mm(Φ2.0-DX;Φ3.0-DX)	

Ordering information



ST Patch Cord



Features & Availabilities

- Twist-lock bayonet coupling mechanism
- Simplex and Duplex assemblies available
- PC polishing
- Hybrid patch-cords available upon request
- Fan-out available
- Pigtail available

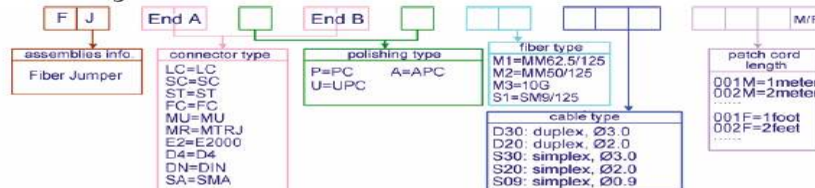
Applications

- Telecommunication networks
- Building access
- Cabling system, ODF
- Connection of optical transmission equipments and devices
- Computer network
- FTTX applications
- CATV

Specifications

		Singlemode	Multimode
Body	Material	Metal	Metal
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	0.9mm, 2.0mm, 3.0mm	0.9mm, 2.0mm, 3.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	2.50mm	2.50mm
	Material	ZrO ₂ (Ceramic)	ZrO ₂ (Ceramic)
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		Twist-lock bayonet	Twist-lock bayonet
Polishing		UPC	PC
Working Temp. range		-40°C ~ +80°C	
Tension of cable	Long term	60N(Φ 2.0-SX),80N(Φ 3.0-SX),100N(Φ 2.0-DX),160N(Φ 3.0-DX)	
	Short term	100N(Φ 2.0-SX),150N(Φ 3.0-SX),200N(Φ 2.0-DX),300N(Φ 3.0-DX)	
Crush of cable	Long term	100N/100mm(Φ 2.0-SX;Φ 3.0-SX);200N/100mm(Φ 2.0-DX;Φ 3.0-DX)	
	Short term	500N/100mm(Φ 2.0-SX;Φ 3.0-SX);1000N/100mm(Φ 2.0-DX;Φ 3.0-DX)	

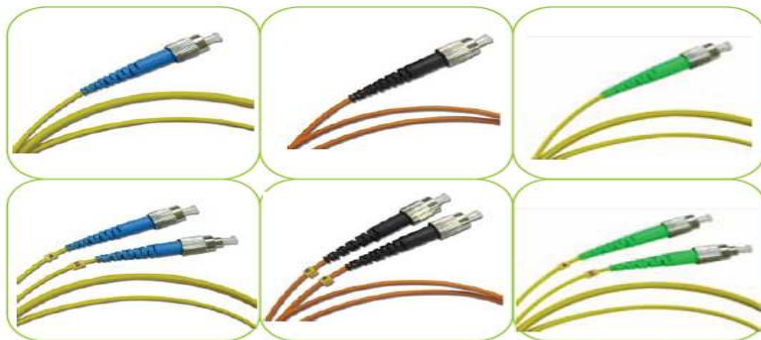
Ordering information





FC Patch Cord

P4



Features & Availabilities

- Screw-thread coupling mechanism
- Simplex and Duplex assemblies available
- PC and APC polishing
- Hybrid patch-cords available upon request
- Fan-out available
- Pigtail available

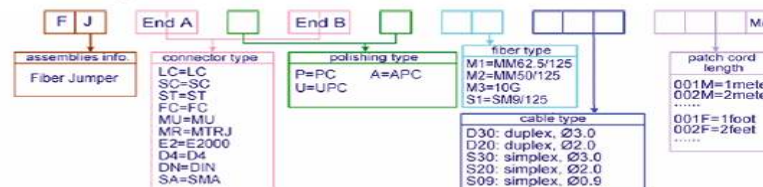
Applications

- Telecommunication networks
- Building access
- Cabling system, ODF
- Connection of optical transmission equipments and devices
- Computer network
- FTTX applications
- CATV

Specifications

		Singlemode	Multimode
Body	Material	Metal	Metal
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	0.9mm, 2.0mm, 3.0mm	0.9mm, 2.0mm, 3.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	2.50mm	2.50mm
	Material	ZrO ₂ (Ceramic)	ZrO ₂ (Ceramic)
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		Screw thread	Screw thread
Polishing		UPC, APC	PC
Working Temp. range		-40°C ~ +80°C	
Tension of cable	Long term	60N(Φ 2.0-SX),80N(Φ 3.0-SX),100N(Φ 2.0-DX), 160N(Φ 3.0-DX)	
	Short term	100N(Φ 2.0-SX),150N(Φ 3.0-SX),200N(Φ 2.0-DX), 300N(Φ 3.0-DX)	
Crush of cable	Long term	100N/100mm(Φ 2.0-SX; Φ 3.0-SX);200N/100mm(Φ 2.0-DX; Φ 3.0-DX)	
	Short term	500N/100mm(Φ 2.0-SX; Φ 3.0-SX);1000N/100mm(Φ 2.0-DX; Φ 3.0-DX)	

Ordering information



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 804-550-0681
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MTRJ Patch Cord



Features & Availabilities

- RJ-45 style push-pull coupling mechanism
- PC polishing
- Hybrid patch-cords available upon request
- Pigtail available

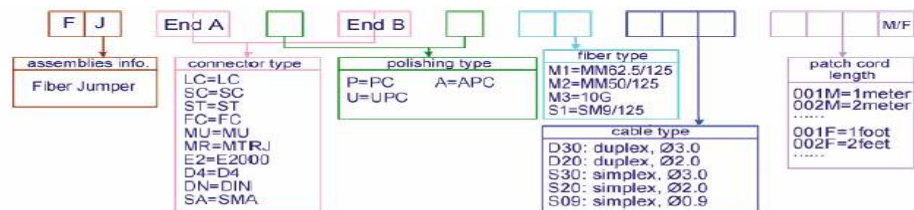
Applications

- Telecommunication networks
- Building access
- Cabling system, ODF
- Connection of optical transmission equipments and devices
- Computer network
- FTTX applications

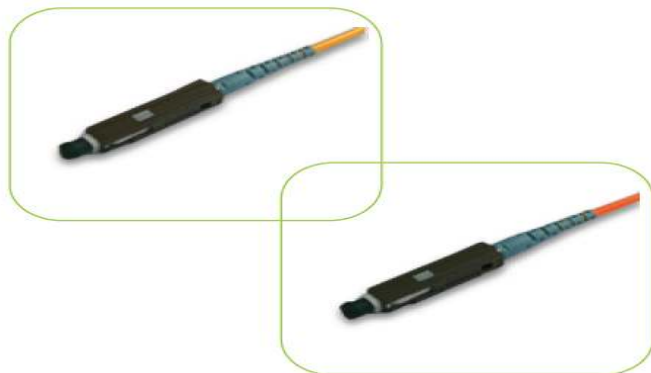
Specifications

		Singlemode	Multimode
Body	Material	Plastic	Plastic
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	2.0mm	2.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	4.1 x 2.0 mm	4.1 x 2.0 mm
	Material	Plastic	Plastic
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		RJ45 style	RJ45 style
Polishing		PC	PC
Working temp. range		-40°C ~ +80°C	
Tension of cable	Long term	100N (Φ2.0-DX)	
	Short term	200N (Φ2.0-DX)	
Crush of cable	Long term	200N/100mm(Φ2.0-DX)	
	Short term	1000N/100mm(Φ2.0-DX)	

Ordering information



MU Patch Cord



Features & Availabilities

- Single-position plug with push-pull coupling mechanism
- SFF(Small Form Factor), compact size
- Simplex and duplex available
- PC and APC polishing
- Hybrid patch-cords available upon request
- Pigtail available

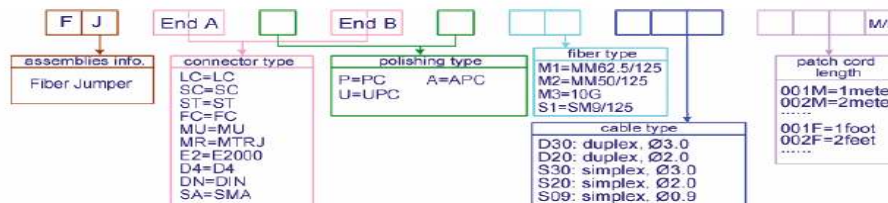
Applications

- Connection of optical transmission equipments and devices
- Cabling systems, ODF
- Telecommunication networks
- Computer networks
- FTTX applications
- CATV

Specifications

		Singlemode
Body	Material	Plastic
Boot	Material	Plastic
Optical cable	Fiber	OS1 (9/125um)
	Cable O.D.	0.9mm, 2.0mm
	Sheath	PVC or LSZH
Ferrule	Diameter	1.25mm
	Material	ZrO ₂ (Ceramic)
Connection at cable		Crimp
Connection at fiber		353ND Glue
Connection at adapter		Plug-in
Polishing		UPC, APC
Working Temp. range		-40°C ~ +80°C
Tension of cable	Long term	60N(Φ2.0-SX); 100N(Φ2.0-DX)
	Short term	100N(Φ2.0-SX); 200N(Φ2.0-DX)
Crush of cable	Long term	100N/100mm(Φ2.0-SX); 200N/100mm(Φ2.0-DX)
	Short term	500N/100mm(Φ2.0-SX);1000N/100mm(Φ2.0-DX)

Ordering information



E2000 Patch Cord



Features & Availabilities

- Integrated spring-loaded shutter
- Simplex and Duplex assemblies available
- PC and APC polishing
- Hybrid patch-cords available upon request
- Fan-out available
- Pigtail available

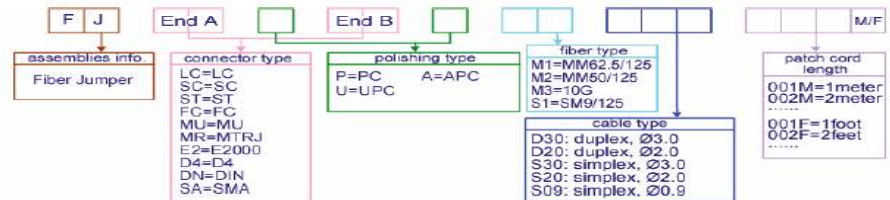
Applications

- Telecommunication networks
- Building access
- Cabling system, ODF
- Connection of optical transmission equipments and devices
- Computer network, Gigabit systems (Ethernet, ATM, SONET, etc.)
- FTTX applications
- CATV

Specifications

		Singlemode	Multimode
Body	Material	Plastic	Plastic
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	0.9mm, 2.0mm, 3.0mm	0.9mm, 2.0mm, 3.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	2.50mm	2.50mm
	Material	ZrO ₂ (Ceramic)	ZrO ₂ (Ceramic)
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		Integrated spring-loaded shutter	Integrated spring-loaded shutter
Polishing		UPC, APC	PC
Working Temp. range		-40°C ~ +80°C	
Tension of cable	Long term	60N(Φ2.0-SX),80N(Φ3.0-SX),100N(Φ2.0-DX), 160N(Φ3.0-DX)	
	Short term	100N(Φ2.0-SX),150N(Φ3.0-SX),200N(Φ2.0-DX), 300N(Φ3.0-DX)	
Crush of cable	Long term	100N/100mm(Φ2.0-SX; Φ3.0-SX);200N/100mm(Φ2.0-DX; Φ3.0-DX)	
	Short term	500N/100mm(Φ2.0-SX; Φ3.0-SX);1000N/100mm(Φ2.0-DX; Φ3.0-DX)	

Ordering information



DIN Patch Cord



Features & Availabilities

- Screw-thread coupling mechanism
- PC and APC polishing
- Hybrid patch-cords available upon request
- Pigtail available

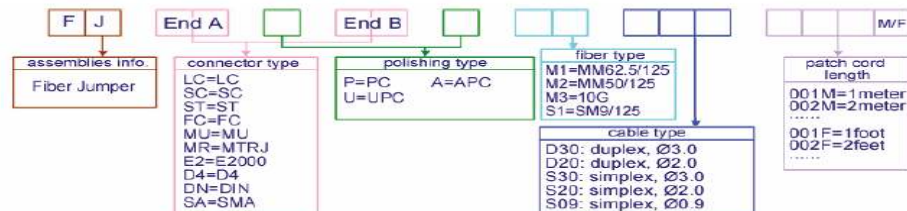
Applications

- Connection of optical transmission equipments
- Cabling systems, ODF
- Telecom and Datacom applications
- Computer networks
- CATV

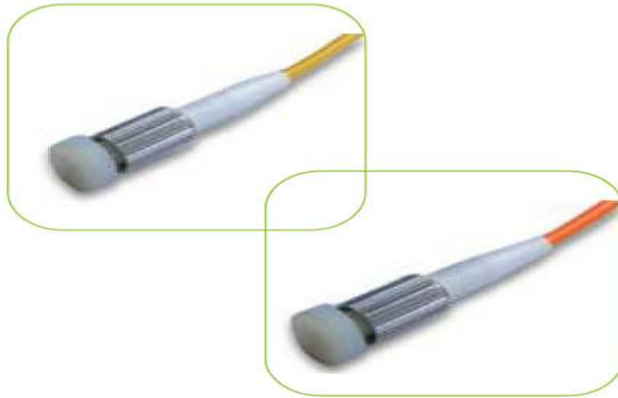
Specifications

		Single mode	Multimode
Body	Material	Metal	Metal
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	0.9mm, 2.0mm, 3.0mm	0.9mm, 2.0mm, 3.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	2.50mm	2.50mm
	Material	ZrO ₂ (Ceramic)	ZrO ₂ (Ceramic)
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		Screw thread	Screw thread
Polishing		UPC, APC	PC
Working Temp. range		-40°C ~ +80°C	
Tension of cable	Long term	60N(Φ2.0-SX),80N(Φ3.0-SX),100N(Φ2.0-DX), 160N(Φ3.0-DX)	
	Short term	100N(Φ2.0-SX),150N(Φ3.0-SX),200N(Φ2.0-DX), 300N(Φ3.0-DX)	
Crush of cable	Long term	100N/100mm(Φ2.0-SX;Φ3.0-SX);200N/100mm(Φ2.0-DX;Φ3.0-DX)	
	Short term	500N/100mm(Φ2.0-SX;Φ3.0-SX);1000N/100mm(Φ2.0-DX;Φ3.0-DX)	

Ordering information



D4 Patch Cord



Specifications

		Single mode	Multimode
Body	Material	Metal	Metal
Boot	Material	Plastic	Plastic
Optical cable	Fiber	OS1 (9/125um)	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	2.0mm, 3.0mm	2.0mm, 3.0mm
	Sheath	PVC or LSZH	PVC or LSZH
Ferrule	Diameter	2.50mm	2.50mm
	Material	ZrO ₂ (Ceramic)	ZrO ₂ (Ceramic)
Connection at cable		Crimp	Crimp
Connection at fiber		353ND Glue	353ND Glue
Connection at adapter		Screw thread	Screw thread
Polishing		UPC	PC
Working Temp. range		-40°C ~ +80°C	
Tension of cable	Long term	60N(Φ2.0-SX),80N(Φ3.0-SX),100N(Φ2.0-DX), 160N(Φ3.0-DX)	
	Short term	100N(Φ2.0-SX),150N(Φ3.0-SX),200N(Φ2.0-DX), 300N(Φ3.0-DX)	
Crush of cable	Long term	100N/100mm(Φ2.0-SX;Φ3.0-SX);200N/100mm(Φ2.0-DX;Φ3.0-DX)	
	Short term	500N/100mm(Φ2.0-SX;Φ3.0-SX);1000N/100mm(Φ2.0-DX;Φ3.0-DX)	

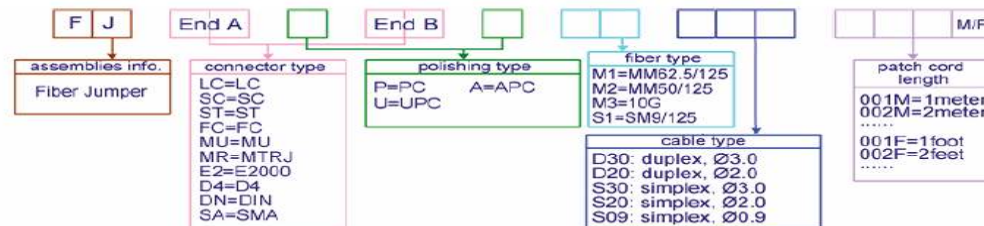
Features & Availabilities

- Screw-thread coupling mechanism
- PC polishing
- Hybrid patch-cords available upon request
- Pigtail Available

Applications

- Connection of optical transmission equipments and devices
- Telecommunication networks
- Computer networks

Ordering information



SMA Patch Cord

P10



Specifications

		Multimode
Body	Material	Metal
Boot	Material	Plastic
Optical cable	Fiber	OM1 (62.5/125um), OM2 (50/125um), OM3 (10G 50/125um)
	Cable O.D.	2.0mm, 3.0mm
	Sheath	PVC or LSZH
Ferrule	Diameter	3.175mm
	Material	Metal or ZrO ₂ (Ceramic)
Connection at cable		Crimp
Connection at fiber		353ND Glue
Connection at adapter		Screw thread
Polishing		PC
Working Temp. range		-20°C ~ +60°C
Tension of cable	Long term	60N(Φ2.0-SX),80N(Φ3.0-SX),100N(Φ2.0-DX), 160N(Φ3.0-DX)
	Short term	100N(Φ2.0-SX),150N(Φ3.0-SX),200N(Φ2.0-DX), 300N(Φ3.0-DX)
Crush of cable	Long term	100N/100mm(Φ2.0-SX;Φ3.0-SX);200N/100mm(Φ2.0-DX;Φ3.0-DX)
	Short term	500N/100mm(Φ2.0-SX;Φ3.0-SX);1000N/100mm(Φ2.0-DX;Φ3.0-DX)

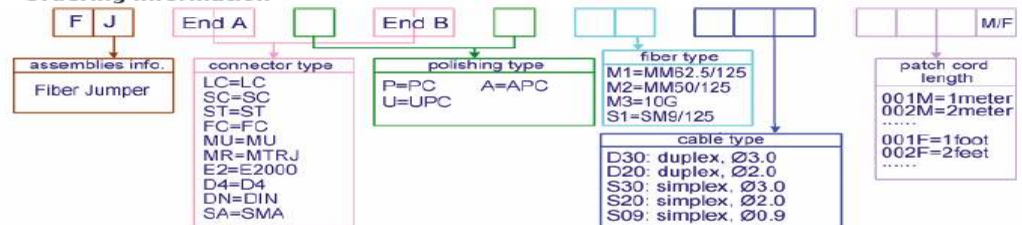
Features & Availabilities

- Screw-thread coupling mechanism
- Simplex and Duplex assemblies available
- PC polishing
- Hybrid patch-cords available upon request
- Pigtail available

Applications

- Connection of optical transmission equipments and devices
- Telecom and datacom applications

Ordering information





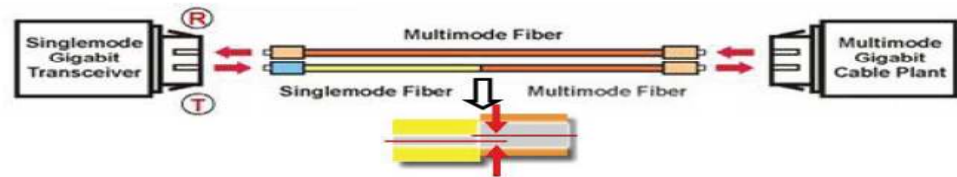
Mode Conditioning Patch Cord



Specifications

Mode conditioning patch cord is utilized when the transceiver modules launch only singlemode (1300um) signals but the existing network is built with multimode cables.

DMD (Differential Mode Delay) can raise multiple signals within the multimode fiber when a singlemode signal is launched into a multimode fiber. This effect can confuse the receiver and produce errors. Mode conditioning cables utilize an offset between the singlemode fiber and the multimode fiber to eliminate DMD and make it allowed to use 1000BASE-LX over existing multimode fiber cable systems.



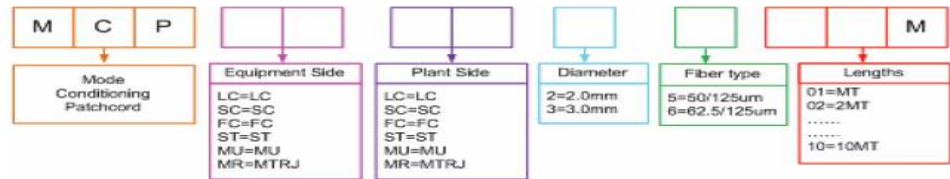
Features & Availabilities

- Full specifications: FC, SC, LC, ST, MT-RJ, E2000, MU, etc.
- Hybrid mode conditioning patch cord upon request
- 50/125um or 62.5/125um multimode cable upon request
- Differential Mode Delay (DMD) elimination
- Consistent Offset
- Low Insertion Loss (< 0.4dB)
- Lengths: 1 ~ 10 meters

Applications

- Long Haul to Short Haul LX Gigabit System
- Gigabit Ethernet 1000Base-LX (1300nm long wavelength)

Ordering information



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 804-550-0681
 804-550-0692 fax
www.datamaxtechnologies.com



Waterproof Pigtail



Features & Availabilities

- Full specifications: FC, SC, LC, ST, MT-RJ, E2000, MU, etc.
- Singlemode
- PC and APC polishing available
- 2, 4, 6 fibers available
- High reliability and corrosion-resistant
- Suitable for severe outdoor environments
- MOQ may be applied

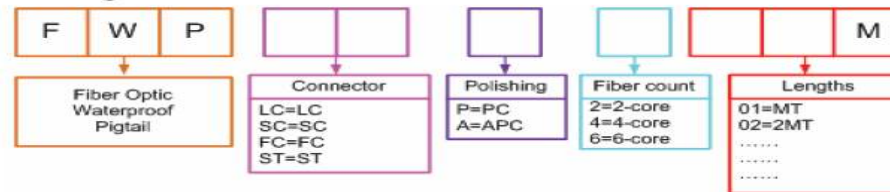
Applications

- CATV
- Telecommunication networks
- Data processing networks

Specifications

Type	Singlemode (PC)	Singlemode (APC)
Insertion Loss (I.L.)	≤0.30 dB	≤0.30 dB
Return Loss (R.L.)	≥50dB	≥60dB
Working Temp. Range (°C)	-40 ~ 80	-40 ~ 80

Ordering information



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 804-550-0681
 804-550-0692 fax
www.datamaxtechnologies.com