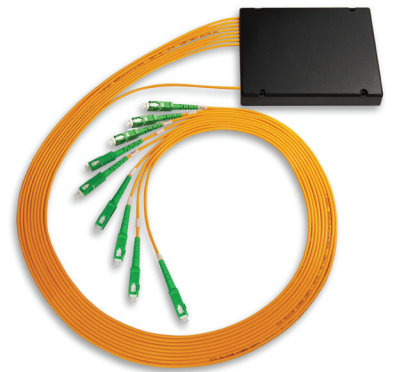
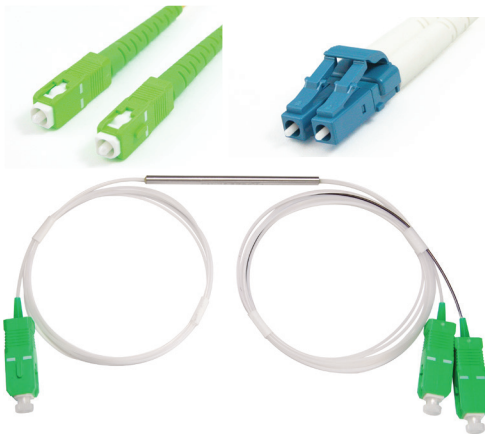


FIBER OPTIC ACCESSORIES

Drop Passives



RoHS 



Call +1.800.306.8948 for more information

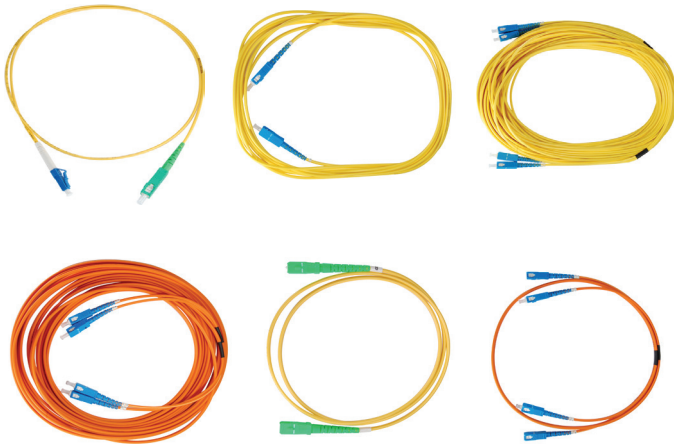
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PATCH CORDS

Patch cords are available with SC and LC connectors in APC, UPC, and PC polishes. Standard lengths are 1, 3, 5, and 10 meters.

- Comply with Bellcore GR-326-CORE specification
- Low insertion loss
- Ultra low return loss
- Dual window, 1310/1550

* Custom lengths available



SPECIFICATIONS

Parameter	Unit	SM	UPC
Insertion Loss	nm	<0.3	<0.5
Return Loss	dB	APC ≥ 60; UPC ≥ 55; PC ≥ 50	
Durability (1K matings)	dB	<0.2	
Operating Temperature	°C (°F)	-40 to +85 (-40 to 185)	
Cable	micro	9/125	62.5/125

ORDERING INFORMATION

Part No. Description

xx = Length: 1, 3, 5, 10, 20, 30 Meter

Singlemode Simplex Patch Cords

LCU-LCU-PH20S-xx	Singlemode, 2 mm Patch Cord, LC/UPC - LC/UPC
LCU-SCA-PH20S-xx	Singlemode, 2 mm Patch Cord, LC/UPC - SC/APC
LCU-SCU-PH20S-xx	Singlemode, 2 mm Patch Cord, LC/UPC - SC/UPC
SCA-SCA-PH30S-xx	Singlemode, 3 mm Patch Cord, SC/APC - SC/APC
SCA-SCU-PH30S-xx	Singlemode, 3 mm Patch Cord, SC/APC - SC/UPC

Singlemode Duplex Patch Cords

LCU-LCU-DPH20S-xx	Singlemode Duplex, 2 mm Patch Cord, LC/UPC - LC/UPC
LCU-SCA-DPH20S-xx	Singlemode Duplex, 2 mm Patch Cord, LC/UPC - SC/APC
LCU-SCU-DPH20S-xx	Singlemode Duplex, 2 mm Patch Cord, LC/UPC - SC/UPC
SCA-SCA-DP30S-xx	Singlemode Duplex, 3 mm Patch Cord, SC/APC - SC/APC
SCA-SCU-DP30S-xx	Singlemode Duplex, 3 mm Patch Cord, SC/APC - SC/UPC
SCU-SCU-DP30S-xx	Singlemode Duplex, 3 mm Patch Cord, SC/UPC - SC/UPC

Multimode Simplex Patch Cords

LCP-LCP-PH20M-xx	Multimode, 2 mm Patch Cord, LC/PC - LC/PC
LCP-SCP-PH20M-xx	Multimode, 2 mm Patch Cord, LC/PC - SC/UPC
SCP-SCP-PH30M-xx	Multimode, 3 mm Patch Cord, SC/PC - SC/PC

Multimode Duplex Patch Cords

LCP-LCP-DP20M-xx	Multimode Duplex, 2 mm Patch Cord, LC/PC - LC/PC
LCP-SCP-DP20M-xx	Multimode Duplex, 2 mm Patch Cord, LC/PC - SC/UPC

ATTENUATORS

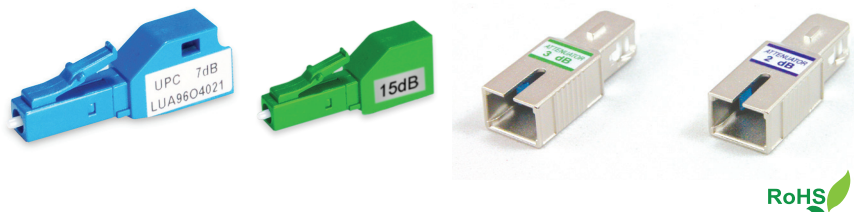
Attenuators are available with LC/UPC, SC/APC, and SC/UPC connectors. Standard values are 1 to 10 dB*.

- Compact and light weight
- High return loss
- Stable attenuation in wide range environment: -25 to +70 °C (-13 to 158 °F)
- Plug type

* For special values of 11 to 25 dB, please contact PCT.

Specifications

Parameter	Unit	SM	UPC	MM	APC
Wavelength	nm	1310 & 1550			1260 to 1620
Attenuation Level	dB	1 to 25			0 to 20
Uniformity	dB	±1 for 1 to 9, ±1.5 for 10 to 25			±0.5 for 1 to 9, ±1 for 10 to 25
Return Loss	dB	≥ 60	≥ 55	≥ 50	≥ 65



Ordering Information

Part No. Description

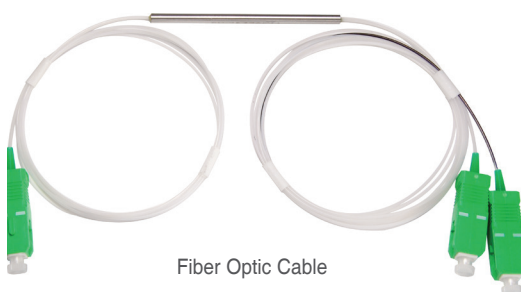
yy = dB: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Singlemode Attenuators

ATT-P-LCU-yy	Singlemode, Attenuator, LC/UPC
ATT-P-LCA-yy	Singlemode, Attenuator, LC/APC
ATT-P-SCA-yy	Singlemode, Attenuator, SC/APC
ATT-U-SC-yy	Singlemode, Attenuator, SC/UPC

DUAL WINDOW COUPLERS

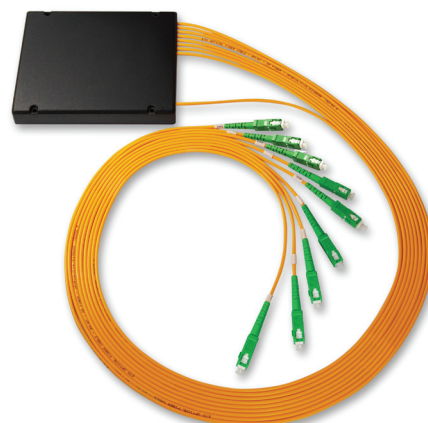
- LGX compatible packaging
- Available in 1x2, 1x3, 1x4, 1x8
- For both 1310/1550 nm windows
- Low insertion loss
- Low polarization dependent loss (PDL)
- Variety of coupling ratios
- High directivity
- Environmentally stable and reliable



Fiber Optic Cable



Dual Window Couplers
(1 x 2, 1 x 8)



Optical Splitter

Specifications

LGX Cassette Couplers		
Parameter	Unit	1 x 2
Operating Wavelength	nm	1310 & 1550
Insertion Loss, max.	dB	3.4
Typical Excess Loss	dB	0.07
Uniformity, max.	dB	0.50
Polarization Dependent Loss, max.	dB	50
Directivity, min.	dB	50
Operating Temperature	°C (°F)	-40 to +85 (-40 to 185)
Storage Temperature	°C (°F)	-50 to 85 (-58 to 185)
Package Dimension (L x W)	mm (in)	3.0 x 40 (S) / 3.0 x 50 (L) (0.12 x 1.57 / 0.12 x 1.97)

Parameter	Unit	1 x 3	1 x 4	1 x 8
Operating Wavelength	nm	1310 & 1550		
Insertion Loss, max.	dB	5.3	7.0	10.6
Uniformity, max.	dB	0.5	0.6	1.2
Directivity, min.	dB	50		
Operating Temperature	°C (°F)	-40 to +85 (-40 to 185)		
Storage Temperature	°C (°F)	-50 to 85 (-58 to 185)		
Cable Type	micron	259 (S) / 900 (L) / 3.0 mm (H)		

Desired Splitting Ratio	Unit	Specification
50 / 50	dB	3.4
40 / 60	dB	4.4 / 2.5
30 / 70	dB	5.6 / 1.8
20 / 80	dB	7.4 / 1.1
10 / 90	dB	10.8 / 0.6
5 / 95	dB	14.6 / 0.04
1 / 99	dB	21.5 / 0.2

* For special applications, please contact PCT.

Ordering Information

Part No.	Description
LGX Cassette Couplers - 1 x 2	
LGXC-1x2-5050-SUPC	50/50 Split, 1310/1550, w/ SC/UPC
LGXC-1x2-6040-SUPC	60/40 Split, 1310/1550, w/ SC/UPC
LGXC-1x2-7030-SUPC	70/30 Split, 1310/1550, w/ SC/UPC
LGXC-1x2-8020-SUPC	80/20 Split, 1310/1550, w/ SC/UPC
LGXC-1x2-9010-SUPC	90/10 Split, 1310/1550, w/ SC/UPC
LGXC-1x2-9505-SUPC	95/05 Split, 1310/1550, w/ SC/UPC
LGXC-1x2-5050-SAPC	50/50 Split, 1310/1550, w/ SC/APC
LGXC-1x2-6040-SAPC	60/40 Split, 1310/1550, w/ SC/APC
LGXC-1x2-7030-SAPC	70/30 Split, 1310/1550, w/ SC/APC
LGXC-1x2-8020-SAPC	80/20 Split, 1310/1550, w/ SC/APC
LGXC-1x2-9010-SAPC	90/10 Split, 1310/1550, w/ SC/APC
LGXC-1x2-9505-SAPC	95/05 Split, 1310/1550, w/ SC/APC
LGX Cassette Couplers - 1 x 3	
LGXC-1x3-EVEN-SUPC	Even Split, 1310/1550, w/ SC/UPC
LGXC-1x3-EVEN-SAPC	Even Split, 1310/1550, w/ SC/APC
LGX Cassette Couplers - 1 x 4	
LGXC-1x4-EVEN-SUPC	Even Split, 1310/1550, w/ SC/UPC
LGXC-1x4-EVEN-SAPC	Even Split, 1310/1550, w/ SC/APC
LGX Cassette Couplers - 1 x 8	
LGXC-1x8-EVEN-SUPC	Even Split, 1310/1550, w/ SC/UPC
LGXC-1x8-EVEN-SAPC	Even Split, 1310/1550, w/ SC/APC
Tube Style Coupler w/ Bare Fiber	
C1x25050	1 x 2 50/50 Split, 1310/1550, 0.9 mm Jacketing
C1x26040	1 x 2 50/50 Split, 1310/1550, 0.9 mm Jacketing
C1x27030	1 x 2 50/50 Split, 1310/1550, 0.9 mm Jacketing
C1x28020	1 x 2 50/50 Split, 1310/1550, 0.9 mm Jacketing
C1x29010	1 x 2 50/50 Split, 1310/1550, 0.9 mm Jacketing
C1x29505	1 x 2 50/50 Split, 1310/1550, 0.9 mm Jacketing
C1x3EVEN	1 x 3 EVEN Split 1310/1550, 0.9 mm Jacketing
C1x4EVEN	1 x 4 EVEN Split 1310/1550, 0.9 mm Jacketing
C1x8EVEN	1 x 8 EVEN Split 1310/1550, 0.9 mm Jacketing



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