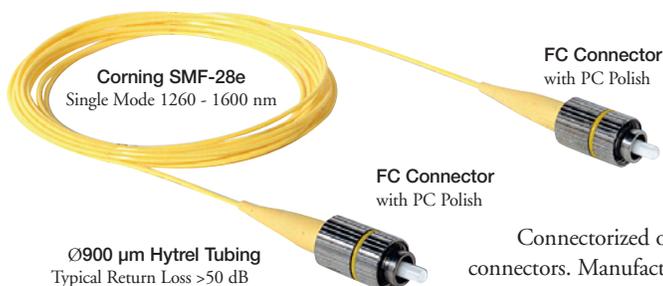


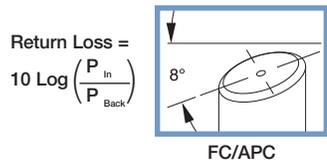
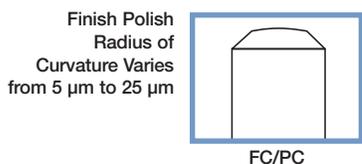
## Fiber Patch Cables: Single Mode Corning® SMF-28e



### Features

- Cutoff Wavelength of <1260 nm
- <0.3 dB Loss Connector to Connector
- Low Back Reflections (High Return Loss)
- Ø900 µm Protective Jacket
- Each Cable Individually Tested
- Longer Length Cables Available

Connectorized on both ends, these fiber patch cables feature high-quality ceramic connectors. Manufactured in our facility, each cable is individually tested to ensure low back-reflection (high return loss) at fiber-to-fiber junctions. Available from stock, these cables feature a high-quality polish, which yields typical return losses of 50 dB or greater.



### FC/PC SMF-28e Stock Cable

ITEM#	\$	£	€	RMB	L*	DESCRIPTION
P1-SMF28-FC-1	\$ 38.90	£ 27.00	€ 34.60	¥ 328.50	1 m	SMF-28e Patch Cable with FC/PC Connectors
P1-SMF28-FC-2	\$ 39.60	£ 27.50	€ 35.20	¥ 334.40	2 m	SMF-28e Patch Cable with FC/PC Connectors
P1-SMF28-FC-5	\$ 40.80	£ 28.30	€ 36.30	¥ 344.60	5 m	SMF-28e Patch Cable with FC/PC Connectors
P1-SMF28-FC-10	\$ 52.50	£ 36.40	€ 46.70	¥ 443.40	10 m	SMF-28e Patch Cable with FC/PC Connectors

\* Length

### FC/APC SMF-28e Stock Cables

ITEM#	\$	£	€	RMB	L*	DESCRIPTION
P3-SMF28-FC-2	\$ 59.90	£ 41.60	€ 53.20	¥ 505.80	2 m	SMF-28e Patch Cable with FC/APC Connectors
P3-SMF28-FC-5	\$ 69.60	£ 48.30	€ 61.80	¥ 587.80	5 m	SMF-28e Patch Cable with FC/APC Connectors

\* Length

### FC/PC to FC/APC SMF-28e Stock Cables

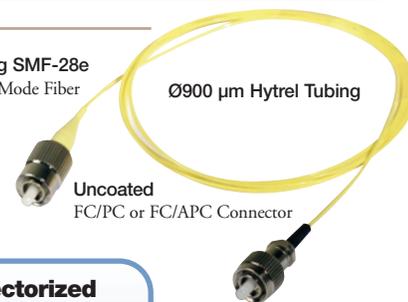
ITEM#	\$	£	€	RMB	L*	DESCRIPTION
P5-SMF28-FC-2	\$ 59.30	£ 41.20	€ 52.70	¥ 500.80	2 m	SMF-28e Patch Cable, FC/PC to FC/APC Connectors

\* Length

## AR-Coated (One End) Fiber Patch Cables

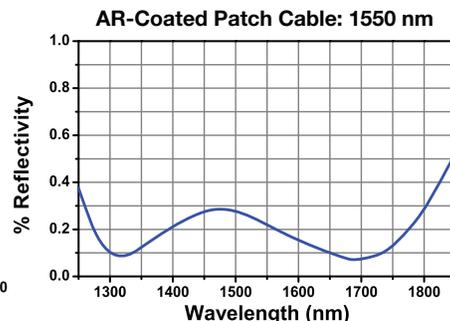
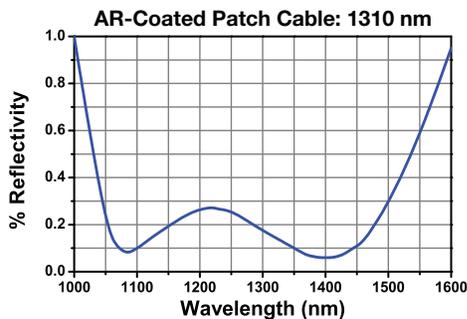
- Ideal for Use with Our Collimation Packages or Other Fiber to Free-Space Applications to Minimize Fresnel Losses
- SMF-28e Fiber, 1m Length (Cutoff Wavelength <1260 nm)
- AR-Coated FC/PC Connector (One End): R < 0.5%, 1300 ± 100 nm or 1550 ± 100 nm
- Uncoated FC/PC or FC/APC Input Connector

Corning SMF-28e Single Mode Fiber



### Fiber to Free-Space Return Loss Example for P1-SMF28-FC-1-15 Connectorized Fiber End at 1550 nm

The P1-SMF28-FC-1-15 has the AR coating centered at 1550 nm. From the typical 1550 nm AR coating plot below, the reflectivity of the connectorized end at 1550 nm is 0.22%. Hence, the return loss = 10Log(1/0.0022), which equals 26.6 dB at 1550 nm. In comparison, an uncoated FC/PC fiber would have a return loss of approximately 14.0 dB.



**New Fiber-Coupled, High-Speed Photodetectors 400 - 1700 nm**



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ITEM#	\$	£	€	RMB	DESCRIPTION
P1-SMF28-FC-1-13	\$ 83.30	£ 57.80	€ 74.00	¥ 703.40	FC/PC (AR Coated) - FC/PC, 1310 nm
P1-SMF28-FC-1-15	\$ 83.30	£ 57.80	€ 74.00	¥ 703.40	FC/PC (AR Coated) - FC/PC, 1550 nm
P5-SMF28-FC-1-13	\$ 94.40	£ 65.50	€ 83.90	¥ 797.20	FC/PC (AR Coated) - FC/APC, 1310 nm
P5-SMF28-FC-1-15	\$ 94.40	£ 65.50	€ 83.90	¥ 797.20	FC/PC (AR Coated) - FC/APC, 1550 nm