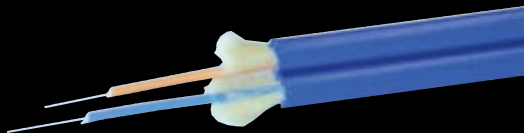


# BEND OPTIMIZED FIBERS



Corning® researchers focused their efforts on developing a solution to the bend problem that successfully balanced the need for improved macrobend performance with the equally important need to have an optical fiber that is compatible with the installed base.

ITU-T G.652.D compliant

Single Mode                      Functional Radius Limit                      Typical Loss @ 1500nm

Corning® ClearCurve® (SM)	5mm	.1 db / km
Corning® SMF-28e® XB	10mm	.5db / km

Part #                      # Fibers                      Jacket Material                      Color                      Size

<b>Corning® ClearCurve®</b>	S09SX01CCNRY	1	Riser	Yellow	3mm
	S09SX01CCNPY	1	Plenum	Yellow	3mm
	S09DX02CCNRY	2	Riser	Yellow	3mm
	S09DX02CCNPY	2	Plenum	Yellow	3mm

<b>Corning® SMF-28e® XB</b>	S09SX01CBNRY	1	Riser	Yellow	3mm
	S09SX01CBNRB	1	Riser	Blue	3mm
	S09SX01CBNRY20	1	Riser	Yellow	2mm
	S09SX01CBNRB20	1	Riser	Blue	2mm
	S09DX02CBNRY	2	Riser	Yellow	3mm
	S09DX02CBNRB	2	Riser	Blue	3mm

<b>MULTIMODE</b>	M50SX01CCNRA	1	Riser OM3/OM4	Aqua	3mm
	M50DX02CCNRA	2	Riser OM3/OM4	Aqua	3mm

## Corning® single-mode bend fibers

Corning Fiber	Radius	Specification	G.652.D	G.657.A	G.657.B	G.657.C*
			30 mm	10 mm	7.5 mm	5 mm
★ ClearCurve® with nanoStructures™	5mm	≤ 0.1 dB/turn	✓	✓	✓	✓
SMF-28e® XB	10mm	≤ 0.5 dB/turn	✓	✓		

\* Proposed new ITU standard

