



# Why choose Millennium Fiber™?

## Quality. Dependability. Versatility.

Millennium Fiber™ provides the same quality that you've come to expect from national brands with dependability and versatility you require for FTTx applications.



- Highly durable and reliable for outside plant installations including underground duct, lashed aerial installations, direct burial in harsh environments
- Range of fiber counts in armored, microfiber and flat drop options
- Comparable to Corning Fiber specifications - see below

### Singlemode, Single Armor, Single Jacket, Loose Tube, Zero Water Peak, Gel Free

PHYSICAL SPECIFICATIONS	CORNING FIBER	MILLENNIUM FIBER
Aerial, Direct Buried, and Duct Applications	✓	✓
Corrugated Steel Tape Armor	✓	✓
Water Swellable Yarn & Tape	✓	✓
Dielectric Central Strength Member	✓	✓
Polyethylene Outer Jacket	✓	✓

KEY SPECIFICATIONS	CORNING FIBER	MILLENNIUM FIBER
Fiber Manufacturer	Corning SMF-28® Ultra Optical Fiber	YOFC FullBand® Plus Fibre
Fiber Category	G.652.D	G.652.D
RoHS 2011/65/EU	Compliant	Compliant
Max Attenuation @ 1310 nm	≤0.34 dB/km	≤0.32 dB/km
Max Attenuation @ 1550 nm	≤0.22 dB/km	≤0.18 dB/km
Min Bending Radius, Install	263 mm	257 mm
Min Bending Radius, Operation	175 mm	171 mm
Max Tensile Strength, Long Term	890 N	800 N
Max Tensile Strength, Short Term	2700 N	2700 N
Temp Range, Installation	-30°C - 70°C	-30°C - 70°C
Temp Range, Storage	-40°C - 70°C	-40°C - 75°C
Temp Range, Operation	-40°C - 70°C	-40°C - 70°C
Manufacturer's Warranty	1 Year	3 Years