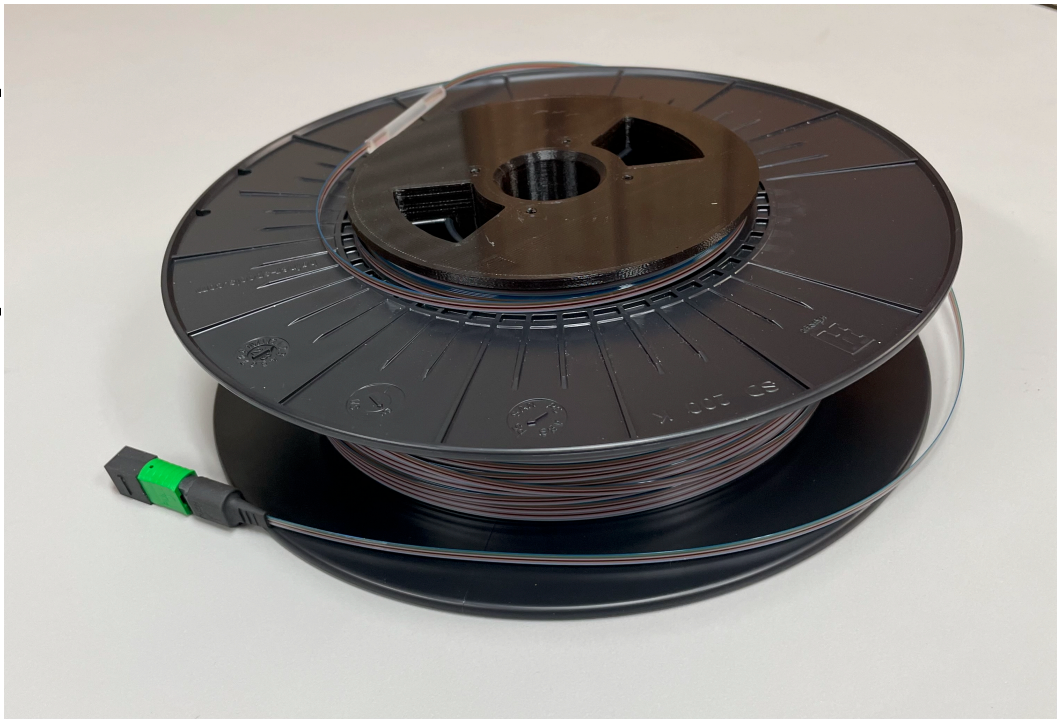


OptiConcepts  
Bare Ribbon Fiber Spools



OptiConcepts Spooled Ribbon Fibers provides original equipment manufacturer's, laboratories, research and development facilities, and calibration industries with precision lengths of bare 12F optical fiber for use in specialized equipment and research. Our unique process can provide spans of ribbon fiber in lengths of up to 1000 meters and packaged as spool-less coils in a variety of diameters, on standard or custom spools, or packaged in rack-mountable or portable enclosures. Terminations may include MTP®/MPO connectors, single-fiber connectors, or stubbed fibers to provide connectivity to external equipment and systems. Trust OptiConcepts for your specialized bare ribbon fiber needs.

Specifications

	Single-mode	OM1	OM2	OM3	OM4	OM5
Core Size (μm)	9	62.5	50	50	50	50
Nominal Individual Cladding Diameter (μm)	126	127	127	127	127	127
Wavelength (nm)	1310/1550	850/1300	850/1300	850/1300	850/1300	850/1300
Max. Attenuation (dB/km)	0.45/0.35	3.0/1.25	3.0/1.25	2.75/0.75	2.75/0.75	2.75/0.75
850nm Bandwidth: EMB (MHz/km)	n/a	220	750	2000	4700	4700
Cross Sectional Dimension (mm, W x H)	3.2 x 0.32	3.2 x 0.32	3.2 x 0.32	3.2 x 0.32	3.2 x 0.32	3.2 x 0.32
Fibers per Ribbon	12	12	12	12	12	12
Fiber Color	TIA-598-C	TIA-598-C	TIA-598-C	TIA-598-C	TIA-598-C	TIA-598-C
Minimum Bend Radius (mm)	50mm	50mm	50mm	50mm	50mm	50mm
Operating Temperature (°C)	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70
Max Spooled Length	1000m	1000m	1000m	1000m	1000m	1000m

Part Number Configuration

Family	BFS
Fiber Type	9 = SM, 1 = OM1, 2 = OM2, 3 = OM3, 4 = OM4, 5 = OM5
Spool Type	1 = 9" Standard, 2 = 8" Standard, N = None
Connector 1	1 = LC, 2 = SC, 3 = LCA, 4 = SCA, 5 = FC, 6 = FCA, 7 = MTP
Connector 2	1 = LC, 2 = SC, 3 = LCA, 4 = SCA, 5 = FC, 6 = FCA, 7 = MTP
Engineering Code:	000 = None
Length	100M
example	BFS-9N77-000-100M

Literature No: L100001B 15-Feb-25

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