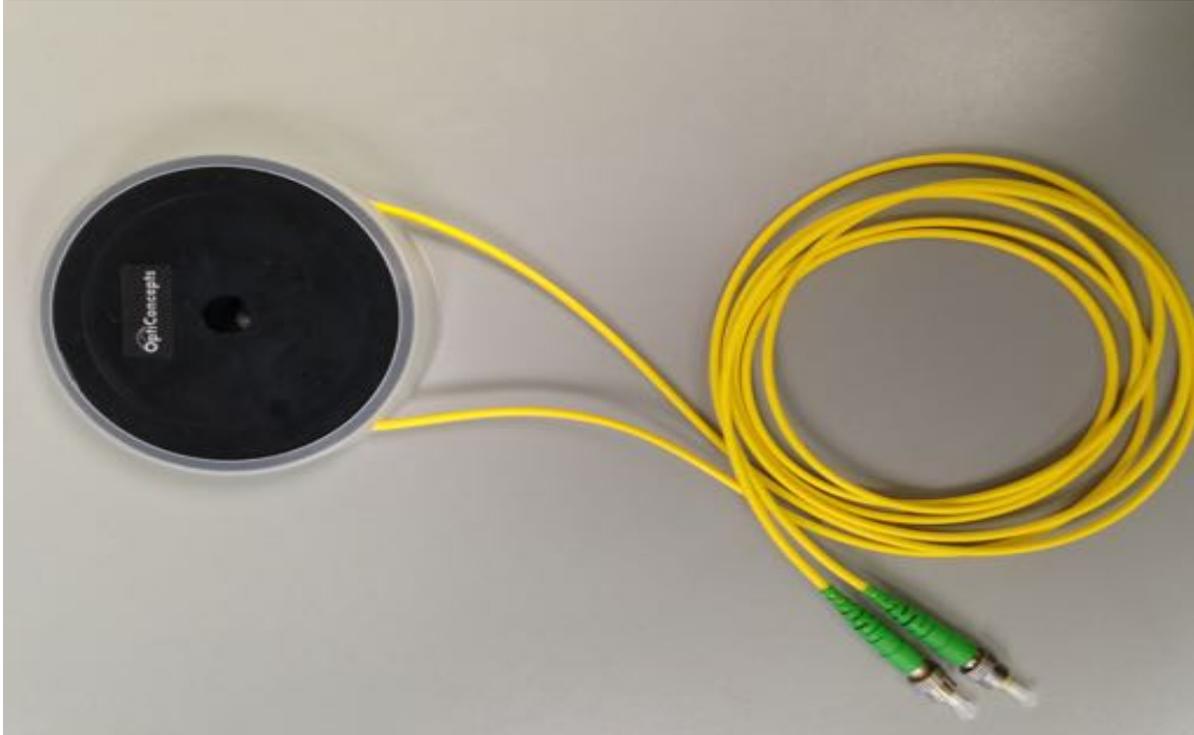


OptiConcepts Compact Fiber Spool™ (CFS)

OptiConcepts



Pictured: 4" SM Compact Fiber Spool with 3mm legs and spool cover with FC/APC connectors

Key Features and Benefits

- Compact and Light Weight Enclosure
- Custom Size Spools Available
- Custom Fiber Lengths
- Accurate Length Tolerance
- Time Delay in Nanoseconds to Microseconds

Markets and Applications

- Research and Development
- LAN Installation and Certification
- OEM Component
- Optical Delay Line
- Testing and Calibration
- Training

Overview

OptiConcepts Compact Fiber Spools™ provide an optimum solution when custom lengths of optical fiber are needed. Compact Fiber Spools are a convenient way to store custom length spans of 250µm bare fiber and can easily be concatenated to build various test arrays. Optional connectors are installed to create calibration and quality-control fibers for optical manufacturing and servicing purposes. Standard five inch diameter spools are designed to hold lengths up to 4.5 km. In addition to our standard Compact Fiber Spools, custom product variations including spool sizes, enclosures, and additional connector types are available.

Micro Design

OptiConcepts Compact Fiber Spools offer various lengths of fiber in a convenient, light-weight enclosure. These units offer versatile function and portable fiber protection. Weighing only five ounces, our five-inch Compact Fiber Spool holds up to 4.5 km of optical fiber. Take advantage of the Compact Fiber Spool's features. It is easier to handle than a large spool of unprotected fiber or a long patch cord. Compact Fiber Spools look and feel much like a jumper.



OptiConcepts Compact Fiber Spool™ (CFS)

Portable Flexibility

In addition to our standard Compact Fiber Spools, customer specified spools for any application are possible. Compact Fiber Spools offer the flexibility to be used as single units or as part of a multi spool array for use in various indoor applications. Use Compact Fiber Spools when you need to install or test long lengths of fiber within limited space constraints. Compact Fiber Spools are an example of how OptiConcepts constantly strives to provide innovative products and cost effective solutions to make your job easier.

Specifications

Fiber Types:	Single-mode 9/125µm Multimode 50/125µm Laser Optimized Multimode 62.5/125µm
Spool Sizes:	4.0" height x .875" width (up to 500m) 5.0" height x 1.5" width (up to 4.5km)
Weight:	< 1 pound (.45 kg)
Temp Range:	-40°F to 122°F (-40°C to 50°C)
Connectors:	FC, SC, ST®, LC, MTRJ – Ultra and Angled Varieties

Ordering Information

CFS Standard Part Number Configuration	
CFS-ABCDE-FG	
[PN Ex: CFS-11S43-500M – FC/FC, single-mode, 4 inch spool, 3mm leg with cover, 500 meters]	
A) First Connector Type	FC = 1 FCAPC = 2 SC = 3 SCAPC = 4 ST = 5 LC = 6 LCAPC = 7 None = 0
B) Second Connector Type	FC = 1 FCAPC = 2 SC = 3 SCAPC = 4 ST = 5 LC = 6 LCAPC = 7 None = 0
C) Fiber Type	Single-mode = S Multimode 50µm Laser Optimized = 5 Multimode 62.5µm = 6
D) Spool Size	4 inch OD spool = 4 (up to 500m fiber length) 5 inch OD spool = 5 (up to 4.5km fiber length)
E) Fiber Jacket and Spool Enclosure	3 = 3mm with spool cover 9 = 900um and no spool cover
F) Fiber Length	
G) Unit of Measure	Meter = M Kilometer = K Feet = F

Quality Statement

OptiConcepts is committed to providing high quality, easy to use test equipment by integrating customer needs into world-class engineered products and systems.



designed and built in the USA

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