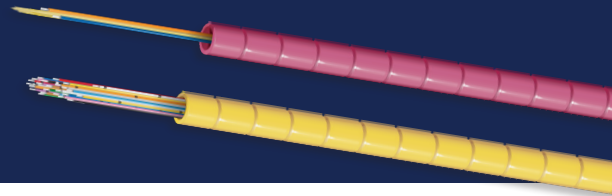


OptiTuff™ Mini Fiber Cables

PRODUCT BULLETIN 



Belden's patented OptiTuff Mini Fiber Cable is the only cable that combines the durability of metal armored solutions with the performance and installation ease of non-armored solutions. This cable doesn't just stand above other cables in its category—it stands alone. It provides a cost-effective, ruggedized option to replace traditional metal armored and non-armored fiber products in FTTx, POL/PON and raised-floor applications—with no grounding or conduit required. Fewer layers and the elimination of metal armor creates a lightweight cable with a high level of flexibility, plus a small diameter and small bend radius for easy cable preparation, installation and pulling.

Key Features

- 90% lighter than metal armored cable
- 70% smaller OD vs metal armored cable and 50% smaller OD vs non-armored cable
- Small bend radius for high-density raceway or tray installation (3 times smaller than non-armored; 9 times smaller than metal armor)
- Rugged enough to be stapled to walls
- High crush resistance for excellent reliability

Benefits at a Glance

- Smaller diameter supports space savings in high-density installations
- Lighter weight and anti-kink properties make pulling fast and easy
- High crush resistance and durability eliminate the need for conduit
- Increased flexibility as compared to metal armored cables
- Cost-effective alternative to traditional metal armored fiber
- No grounding kit necessary, resulting in material and labor cost savings

Key Applications

Data Center

- IDF
- Raised Floor
- White Space
- Workstation

Enterprise LAN

- FTTx
- POL/PON

Ordering Information

OptiTuff Mini Fiber Cables Configuration

Fiber Count	Belden Part Number	
	OM4 Erika Violet	OS2 Yellow
6	FI4X006W0	FISX006W0
12	FI4X012W0	FISX012W0
24	FI4X024W0	FISX024W0

Building a SmartPart Number

Please select from options below to build your SmartPart number.

FI	S	X	006	W	O
FX Fiber Cable	Fiber Type	Family	Fiber Count	Fire Rating & Protection Plenum Group	Subunit Type/ Configuration
Indoor Cable	FI OS2 (G.657.A1)	S Mini Fiber Cable	X 2 Fibers 002	OptiTuff Plenum (OFNP)	W 250 μm Fiber Non Unitized O
	OM4	4	6 Fibers 006		
			12 Fibers 012		
			24 Fibers 024		

Example:
FISX006W0 - FX Indoor, OS2, OptiTuff Mini, 6 Fibers, OFNP, 250 μm, Yellow Jacket