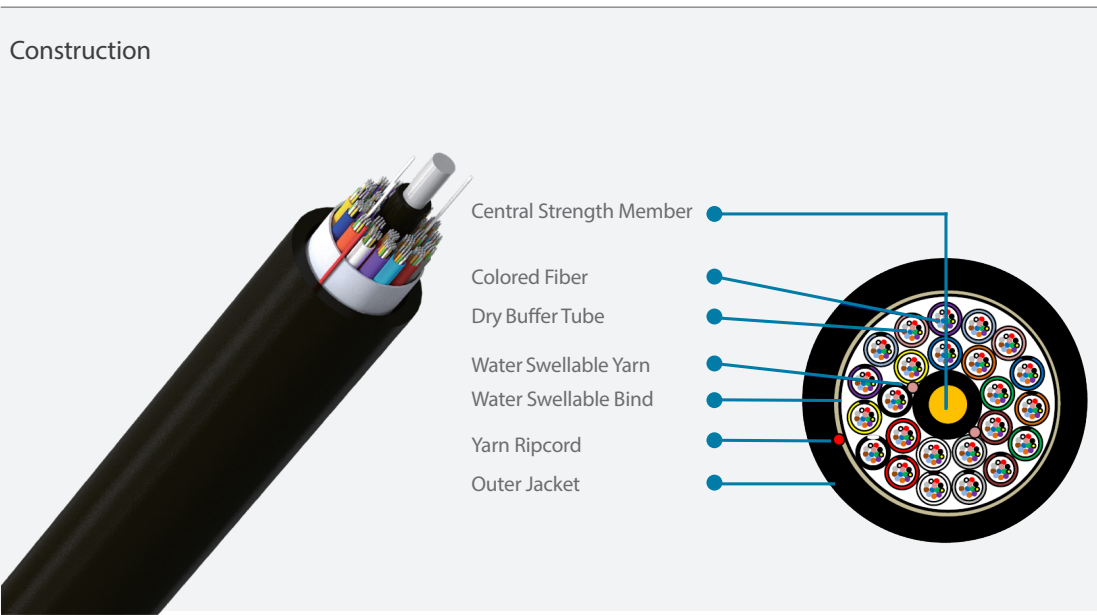


Micro Fiber Cable

Stranded Type Dry



Description

Looking for innovative ways to save your bottom line and still offer the best in the industry?

Hyesung presents MFC Stranded Type, one of our most popular items in our Microfiber line. Micro Fiber Cable will fulfill all your fiber requirements and is designed for air-blown, direct-buried, and duct installation.

When space is limited but high count is a must, our MFC Stranded variant secures up to 432 fibers, and comes in both Dry and Gel types for your installation and water blocking needs.

Still too tight? Try our MFC Central Tube variant for up to 24 fibers in the most congested of spaces.

Specifications

Mechanical Specifications					
Fiber Count	Up to 72	96	144	288	432
Max. Tensile Strength, Long-Term	360 N (81 lb)	560 N (126 lb)	590 N (133 lb)	590 N (133 lb)	590 N (133 lb)
Max. Tensile Strength, Short-Term	1200 N (270 lb)	1700 N (382 lb)	1780 N (400 lb)	1780 N (400 lb)	1980 N (445 lb)
Min. Bend Radius Installation	105 mm (4.13 in)	125 mm (4.92 in)	162 mm (6.34 in)	194 mm (7.64 in)	247 mm (9.72 in)
Min. Bend Radius Operation	70 mm (2.76 in)	83 mm (3.27 in)	108 mm (4.25 in)	129 mm (5.08 in)	164 mm (6.46 in)
Nominal Outer Diameter	7.0 mm (0.28 in)	8.3 mm (0.33 in)	10.8 mm (0.43 in)	12.9 mm (0.51 in)	16.4 mm (0.65 in)

Cable Design					
Fibers per Tube	Up to 12	12	12	12	24
Fiber Count	Up to 72	96	144	288	432
Fiber Color	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua				
Outer Jacket Color	Black				
Outer Jacket Material	Polyethylene (PE)				



Specifications

General Specifications	
Environment	Outdoor
Cable Type	Dry Buffer Tube
Product Type	Duct
Fiber Type	Single-Mode (OS2)
Application	Air-Blown, Duct, Direct-Buried

Fiber Coloring(■ : Black Stripe)											
1 Blue	2 Orange	3 Green	4 Brown	5 Slate	6 White	7 Red	8 Black	9 Yellow	10 Violet	11 Pink	12 Aqua
13 Blue	14 Orange	15 Green	16 Brown	17 Slate	18 White	19 Red	20 Natural	21 Yellow	22 Violet	23 Pink	24 Aqua

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Standards	IEC60794: Basic requirements for optical fiber and cable elements ANSI/ICEAS-87-640: Standard for optical fiber out side plant communications cable

Ordering Information					
Fiber Count	Up to 72	96	144	288	432
Weight	37.0 kg/km (24.9 lb/1,000 ft)	56.0 kg/km (37.6 lb/1,000 ft)	109.0 kg/km (73.2 lb/1,000 ft)	126.0 kg/km (84.7 lb/1,000 ft)	173.0 kg/km (116.3 lb/1,000 ft)
Length / Reel	4 km (without pallet) / 20,000 ft (with pallet)				

Environmental Conditions	
Temperature Range, Installation	- 10 °C to +40 °C (14 °F to 104 °F)
Temperature Range, Storage	- 40 °C to +70 °C (-40 °F to 158 °F)
Temperature Range, Operation	- 30 °C to +70 °C (-22 °F to 158 °F)

Optical Characteristics (Single-mode)	
Fiber Category	G.652.D / G.657 A1
Maximum Attenuation	0.40 dB/km / 0.40 dB/km / 0.25 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm



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