

INDOOR MINI-CORE CABLE

Mini-core cable constructed of multiple color-coded 250µm primary coating fibers, surrounded by aramid yarn strength members and packaged in a cable jacket with minimal diameter.



KEY FEATURES :

- Suitable for any indoor cabling applications
- All dry loose tube 250µm primary coating fiber especially suitable for MPO terminations
- Offered in 12- to 144-Fiber
- Available in singlemode (OS1/OS2), and multimode (OM1, OM2, OM3, OM4)
- Choices of Riser (OFNR), Low Smoke Zero Halogen (LSZH) and Plenum (OFNP) cable jacket
- Support installation environments that require high density, high flexibility and small bend radius
- Compact in size and light in weight for easy installation

Specifications

Available Fiber Counts	12-, 24-, 48-, 72-, 96-, 144-Fiber
Available Fiber Modes	Singlemode (OS1/OS2) Multimode (OM1, OM2, OM3, OM4)
Fiber Characteristic	Primary Coating : 250µm (245 +/- 10µm) Primary Coating Color : 12-color Compliant to TIA-598
Outer Jacket Colors	Yellow - Singlemode (OS 1/2) Orange - Multimode (OM1, OM2) Aqua - Multimode (OM3, OM4)
Jacket Material Options	Riser (OFNR) Low Smoke Zero Halogen (LSZH) Plenum (OFNP)
Temperature Range	Storage or Transportation : - 20°C to + 70°C Operation : - 20°C to + 70°C

Mechanical Characteristics

Parameters	Fiber	Fiber Count					
		12-Fiber	24-Fiber	48-Fiber	72-Fiber	96-Fiber	144-Fiber
Outer Diameter (mm)		3.0	9.0	9.0	11.2	13.5	17.5
No. of Sub-unit		N/A	N/A	4	6	8	12
Nominal Weight (Kg/Km)		7.8	72	79	126	178	285
Max. Tension (N)							
Short-term		150	300	600	1000	1000	1000
Long-term		80	160	200	300	300	300
Max. Crushing Resistance (N/100)							
Short-term		500	1000	1000	1000	1000	1000
Long-term		150	300	300	300	300	300
Min. Bending Radius (mm)							
Dynamic		30D	30D	30D	30D	30D	30D
Static		15D	15D	15D	15D	15D	15D

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FiberFlex™ Mini-core Cable		Part No. with 3 Cable Jacket Options ⁽¹⁾		
Item Description		OFNR Jacket	LSZH Jacket	OFNP Jacket
Fiber Count	Fiber Mode			
xxx-Fiber	SM	FC02-xxxS1R	FC02-xxxS1L	FC02-xxxS1P
xxx-Fiber	OM1	FC02-xxxM1R	FC02-xxxM1L	FC02-xxxM1P
xxx-Fiber	OM2	FC02-xxxM2R	FC02-xxxM2L	FC02-xxxM2P
xxx-Fiber	OM3	FC02-xxxM3R	FC02-xxxM3L	FC02-xxxM3P
xxx-Fiber	OM4	FC02-xxxM4R	FC02-xxxM4L	FC02-xxxM4P

[1] "xxx" refers to nos. of fiber count, options available are "012", "024", "048", "072", "096", "144".

CABLE CROSS SECTION ILLUSTRATION

