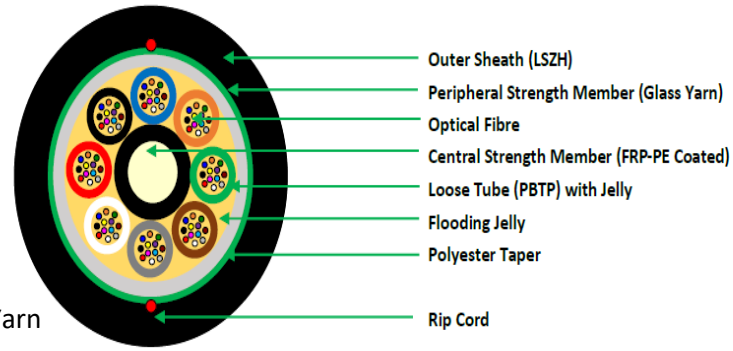
APPLICATION

- Suitable for Indoor
- Excellent waterproofing performance
- Lightweight, Small, Compact cable size



DESCRIPTION

- Core Type: Wet-Wet with Flooding Jelly & Polyester Tape
- Peripheral Strength Member – Glass Roving Yarn
- Rip Cord 2 Nos. below Sheath
- Central Strength member FRP & for 96F PE-coated FRP
- Outer Sheath: LSZH Black, UV Stabilized
  Anti Rodent Anti Termite

Mechanical & Environment Characteristics:

Operating Temperature	– 20°C to +70°C
Storage Temperature	– 40°C to +60°C

Mechanical & Environmental Characteristics:

Fiber count	Outer Diameter (mm)	Thickness of Jacket -Outer (mm) Nominal	Nominal Cable weight(kg/km)	Pulling Tension	Crush Load N/100mm)	Bend Radius (mm)
6	10.2 ± 0.5	1.6	100 ± 10%	2000	2000	20D
12	10.2 ± 0.5	1.6	100 ± 10%	2000	2000	20D
24	10.2 ± 0.5	1.6	100 ± 10%	2000	2000	20D
48	10.2 ± 0.5	1.6	100 ± 10%	2000	2000	20D
96	11.2 ± 0.5	1.6	125 ± 10%	2000	2000	20D

Physical Properties:-

No. of Fibers	6F	12F	24F	48F	96F
Strength Member-FRP	2.0 ± 0.1	2.0 ± 0.1	2.0 ± 0.1	2.0 ± 0.1	2.0 ± 0.1 to 3.5 ± 0.1
Loose Tube Diameter-mm	2.0 ± 0.1	2.0 ± 0.1	2.0 ± 0.1	2.0 ± 0.1	2.0 ± 0.1
Number of Loose Tube	1	2	4	6	8
Number of Fiber in Loose Tube	6	6	6	8	12
No. of Fillers	5	4	2	0	0

Fiber Color codes:

Blue	Orange	Green	Brown	Grey	White
Red	Black	Yellow	Violet	Pink	Aqua/Natural

Loose Tube Color Sequence:

Blue	Orange	Green	Brown
Grey	White	Red	Black/Natural

Characteristics (cabled) Multi-Mode Matched-Cladded optical fibers according to ITU

Fiber - type	Unit	OM4
Attenuation @ 850 nm @ 1300 nm	dB/km	≤ 3.0 ≤ 1.0
Core Diameter	µm	50 ± 2.5
Core non circularity	%	≤ 1
Core Clad concentricity error	µm	≤ 1.5
Clad diameter	µm	125 ± 1.0
Coating diameter	µm	245 ± 10

Cable Size & ordering Information:

Cable Size	Standard Length
6/12/24/48/96 Fibers	2 km ± 10%

Ordering Information:

Part Code	Descriptions
NCB-FM54X-ULLS-06-ART-NI	OM4 6F Multi tube Unarmored LSZH OFC
NCB-FM54X-ULLS-12-ART-NI	OM4 12F Multi tube Unarmored LSZH OFC
NCB-FM54X-ULLS-24-ART-NI	OM4 24F Multi tube Unarmored LSZH OFC
NCB-FM54X-ULLS-48-ART-NI	OM4 48F Multi tube Unarmored LSZH OFC
NCB-FM54X-ULLS-96-ART-NI	OM4 96F Multi tube Unarmored LSZH OFC

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