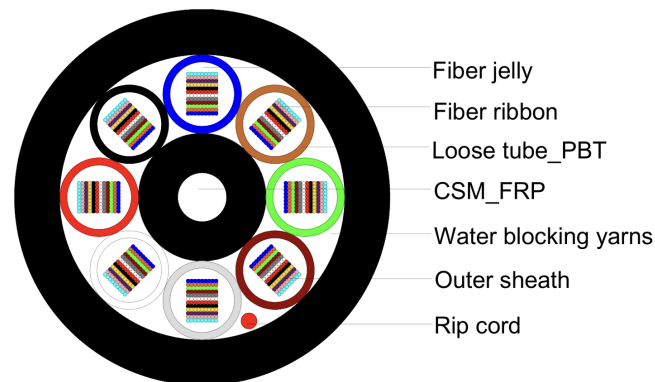


Multi Tube High Count FOC- 864



LiteLinX is proud to unveil its cutting-edge high-count cable technology, featuring a multiple tubes to allow deployment flexibility with an abundance of fibers. Engineered with a slender outer diameter, this cable effortlessly navigates tight spaces while delivering impressive capacity. The innovative single high-count ribbon design ensures maximum capacity while upholding a durable structure. Enhanced with water-blocking properties and HDPE construction, it excels in harsh environments, offering unparalleled protection against UV damage.

Highlights:

- Key Components: 250µm optical fiber in a high modulus loose tube with waterproof reinforcement.
- Core Stability: Non-metallic FRP central core for structural stability.
- Compact Design: Multi layer of ribbons to create 108 count per tube.
- Moisture Protection: Water-blocking filler safeguards optical fibers.

Structure Design:

- Central strength member (CSM): GFRP rod
- Core is filled with jelly
- Loose tubes SZ stranded around CSM
- Water blocking tape
- Rip cords
- All materials are RoHS compliant

Specification:

Fiber Count		864
Loose Tube	Counts	8
	Diameter (±0.1mm)	5.6
	Material	PBT
	Water Blocking	Jelly
Fiber counts per tube		108
Central Strength Member	Material	FRP
	Size/mm	3.7
Cable water blocking		Water blocking yarns
Outer Sheath	Material	HDPE, black
	Nom Thickness(mm)	1.5
Overall diameter(nom)(mm)(±0.5)		23.4
Cable weight/kg		456
Temperature range	Storage	-40°C~+60°C
	Installation	-20°C~+60°C
	Operation	-40°C~+70°C

Optical characteristics:

Attenuation	@1310nm	≤ 0.35 dB/Km
Coefficient	@1550nm	≤ 0.25 dB/Km

Full compliance with the ITU-T G.657.A1 standard

Mechanical Performance:

Minimum bending radius Static 12.5D and 25D Dynamic
(D is the cable diameter in mm)

Color Code:

The individual fibers and loose tubes comply with the TIA/EIA-598-A Standard.