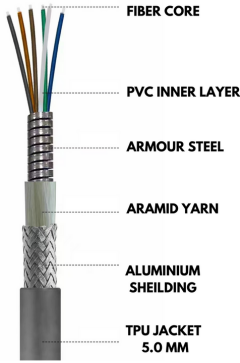
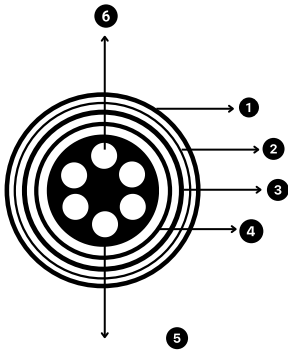


TPU ARMORED FIBER OPTICAL CABLE,
SM/MM

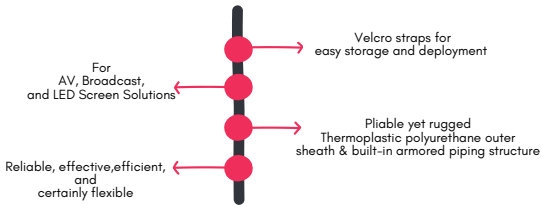


>>> THERMOPLASTIC POLYURETHANES >>> SPIRAL ARMOUR >>> OM3 MULTI MODE >>> YOFC SINGLE-MODE G657.A1

LC/SC/ST - INTERFACE TYPE CAN BE MADE ON YOUR REQUIREMENTS



1. Thermoplastic polyurethane quilt
2. Aluminum braided shield
3. Kevlar reinforcement
4. Spiral sheathed tube
5. PVC inner cladding
6. Fiber core



<http://WWW.LEDHUB.TECH>

<http://WWW.FIBERHUB.TECH>



sales@ledhub.tech
sales@fiberhub.tech

TPU

ARMOUR FIBER CABLES

SINGLE MODE & MULTI MODE



SPECIFICATIONS



Our **Fiber Cable** are in Single and Multi mode optical fiber cable finished product, which is mainly used for AV, Broadcast and LED Video wall applications. Usually, our fiber cables comes with LC-type connectors can reach up to 2000 meters while maintaining a 10 GBPS bandwidth. Different from generic optical fiber cables, Fiberhub designed their fiber using tough and wear-resistant TPU sheathing, and the inside uses stainless steel armor, Kevlar and a metal braided structure. This structure ensures the whole cable has strong tensile and compressive strength. At the end points, the product is also equipped with integrated LC connectors, which are not easily broken like their generic counterparts. Plus, the cable comes with a captive protective caps.



SINGLE MODE

MULTI MODE

SINGLE MODE

MULTI MODE

CONNECTOR TYPE	LC (SC & ST CAN BE CUSTOMIZED)	LC (SC & ST CAN BE CUSTOMIZED)	JACKET OUTER DIAMETER	5.0MM ± 0.1MM	5.0MM ± 0.1MM
CONNECTOR COLOR	NEUTRAL -BLUE	NEUTRAL -BLUE	JACKET MATERIAL	MATT FROSTED TPU	MATT FROSTED TPU
FIBER TYPE	SINGLE-MODE 9/125-UM	MULTI-MODE OM3-300 (50/125-UM)	JACKET COLOR	MATTE GRAY	MATTE GRAY
FIBER WAVELENGTH	1310NM -1550NM	850NM -1300NM	SPIRAL TUBE DIAMETER	2.8MM ± 0.1MM	2.8MM ± 0.1MM
FIBER CORE BRAND	YOFC	YOFC	SPIRAL TUBE MATERIAL	SUS 304 STAINLESS STEEL	SUS 304 STAINLESS STEEL
NUMBER OF CORES	2, 4, 6, 8, 12	2, 4, 6, 8, 12	SPIRAL TUBE COLOR	SILVER	SILVER
BRANCH LENGTH	9M	9M	CORE CLADDING DIAMETER	0.4MM ± 0.05MM * 4	0.4MM ± 0.05MM * 4
REINFORCEMENT STRUCTURE	DUPONT KEVLAR WITH METAL WEAVE	KEVLAR WITH METAL WEAVE	CORE CLADDING MATERIAL	PVC	PVC
STRUCTURAL LAYERS	TIGHTLY WRAPPED OPTICAL FIBER + SPIRAL ARMORED TUBE + KEVLAR + METAL BRAID + OUTER JACKET	TIGHTLY WRAPPED OPTICAL FIBER + SPIRAL ARMORED TUBE + KEVLAR + METAL BRAID + OUTER JACKET	CORE CLADDING COLOR	MULTIPLE	MULTIPLE

FEATURES

SINGLE MODE

MULTI MODE

YOFC SINGLE-MODE G657.A1

YOFC MULTI-MODE OM3

2KMS AT 10GBPS

300M AT 10GBPS



ANTI FREEZE



WEAR RESISTANCE



PRESSURE RESISTANCE



TENSILE RESISTANCE



DURABLE

We made it

The interior uses DuPont Kevlar & metal woven reinforcement members.



SINGLE MODE

MULTI MODE

SINGLE MODE

MULTI MODE

CORE DIAMETER	9.0 UM ±0.4 UM	50.0 UM ±2.5 UM	COMPRESSIVE STRENGTH	LONG-TERM 2000N /100CM; SHORT-TERM 3000N /100CM	LONG-TERM 2000N /100CM; SHORT-TERM 3000N /100CM
CLADDING DIAMETER	124.8 UM ±0.7 UM	124.8 UM ±1.0 UM	LINEAR ROLLING	300N/CM ARMOR LAYER DEFORMATION <0.3MM, ADDITIONAL ATTENUATION <0.2DB	300N/CM ARMOR LAYER DEFORMATION <0.3MM, ADDITIONAL ATTENUATION <0.2DB
CLADDING OUT OF ROUNDNESS	±0.7%	±1.0%	MINIMUM BENDING RADIUS	DYNAMIC +100% STATIC * 200 TO IS THE OUTER DIAMETER OF THE CABLE	DYNAMIC +100% STATIC * 200 TO IS THE OUTER DIAMETER OF THE CABLE
CORE/CLADDING CONCENTRICITY BREAK	±0.5 UM	±1.5 UM	TRANSMISSION RATE	10 GBPS UP TO 200 METERS	10 GBPS UP TO 300 METERS
COATING DIAMETER	245.5 UM	245.5 UM	OPERATING TEMPERATURE	20 ~ 85 °C	20 ~ 85 °C
COATING LAYER OUT OF ROUNDNESS	±0.0 %	±0.0 %	AVAILABLE LENGTHS	100, 150, 200, 300 METERS, AND CAN BE CUSTOMIZED	100, 150, 200 AND 300 METERS
CLADDING/COATING CONCENTRICITY BREAK	±12.0 UM	±12.0 UM	INCLUDED ACCESSORIES	PROTECTION CAPS	PROTECTION CAPS
FULL BANDWIDTH	-	850NM±200NM±2.5NM, 1300NM±300NM±2.5NM	ROXTONE WIRE ROULETTE	PCD 235, 310, 380	PCD 235, 310, 380
EFFECTIVE BANDWIDTH	-	850NM±200NM±2.5NM, 1300NM±300NM±2.5NM	COMPATIBLE PRODUCTS	FIBER SOLUTIONS + FIBER2.0, DP, HUBVIA 4, DVI, SDI, CAT4, HD, FIBER EXTENDERS, AND 100-SEP MODELS FOR ANY VIDEO CONTROLLERS	FIBER SOLUTIONS + FIBER2.0, DP, HUBVIA 4, DVI, SDI, CAT4, HD, FIBER EXTENDERS, AND 100-SEP MODELS FOR ANY VIDEO CONTROLLERS
ATTENUATION COEFFICIENT	130NM±0.4 DB / KM, 1550NM±0.3 DB / KM	850NM±1.5 DB / KM, 1300NM±1.5 DB / KM			
TENSILE (LC CONNECTOR)	LONG-TERM 50N; SHORT-TERM 60N	LONG-TERM 50N; SHORT-TERM 60N			
TENSILE (OPTICAL CABLE)	LONG-TERM 400N; SHORT-TERM 500N	LONG-TERM 400N; SHORT-TERM 500N			

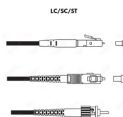


IN SEVERAL SIZES - 100, 150, 200, 300 METERS AND CUSTOMIZATION ALSO AVAILABLE

2, 4, 6, 8 & 12 CORE



- LC CONNECTOR (SC, ST CAN BE CUSTOMIZED)
- 4.52MM * 4.52MM * 21.5 MM
- YOFC
- BRANCH LENGTH 1M



CHOOSE ANY LC/SC/ST



PROTECTION CAPS



ROXTONE PCD SERIES WIRE ROULETTE 235/310/380