



# ETL SINAR SOLUTIONS SDN BHD (1344715-H)

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ETL–Aerial Central loose tube, figure-8 (self-supporting) fiber optic cable is specifically designed for Fiber-to-the-Subscriber applications. Fiber characteristic is accordance with the ITU-G657A or ITU-G652D For Aerial Central loose tube max fiber core is 12C

### Attenuation Coefficient

Max 0.4dB/km from 1310nm to 1625nm

Max 0.3dB/km in the 1550nm region

### Fiber optical Geometrical Characteristic

Item	Construction
Mode field diameter	8.6 $\mu$ m-0.5 $\mu$ m +-<0.4 $\mu$ m
Cladding diameter	125+- 1 $\mu$ m
Core concentric error	<0.5 $\mu$ m

### Fiber internal color coding

1	2	3	4	5	6	7	8	9	10	11	12
BL-Blue	OR-Orange	GR-Green	BR-Brown	BY-Grey	WH-White	RE-Red	BK-Black	YE-Yellow	PU-Purple	PI-Pink	AQ-Aqua

### Drop fiber jacket

IB Drop fiber jacket is sheathed with polyethylene retardant jacket (LSZH) Material

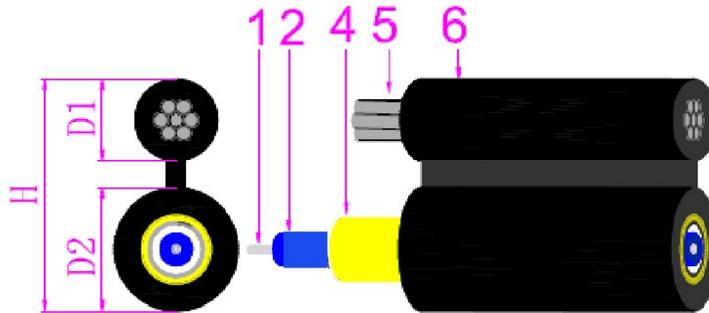
Overhead Cable Type/Model	Cable Diameter (mm)	Tensile strength(N)		Crush Resistance(N/100mm)		Minimum bending radius (mm)	
		Short-term	Long-term	Short-term	Long-term	Short-term	Long-term
AR-Armoured NA-Noan armoured							
ETL-FO-12C-OH-AR	Φ7+3.5	1500	1000	3000	2000	20D	10D
ETL-FO-12C-OH-NA	Φ5+3.5	1000	600	2000	1000	20D	10D

### Specifications:

Fiber overhead use with Messenger and non-armored protection Model: ETL-FO-12C-OH-NA

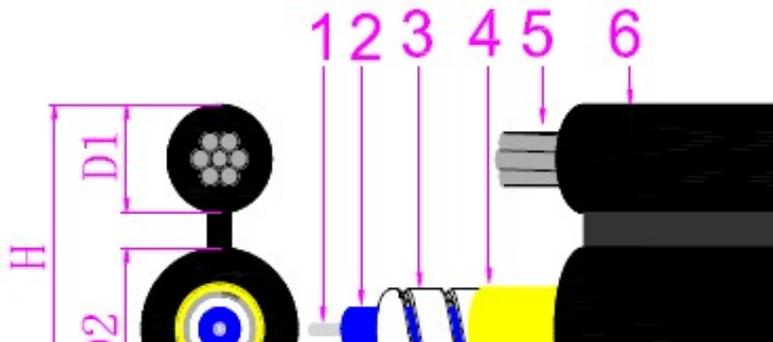


1. Fiber core
2. Uni tube-PVC
3. -
4. Aramid yams / Kevlar
5. Wire rope, 1.2mm steel wire
6. Cable jacket LSZH IEC 60332-1 ( 6.0mm)



Fiber overhead use with Massager and Armored protection Model: ETL-FO-12C-OH-AR

1. Fiber core
2. Loose tube-PVC
3. Spiral Stainless steel
4. Aramid yams / Kevlar
5. Wire rope, 1.2mm steel wire
6. Cable jacket LSZH IEC 60332-1 ( 6.5mm)



SCAN ME