

STEEL ARMORED CABLES

Featuring two steel strength members with corrugated steel tape, the steel armored cable is offered with options of 2- to 24-Fiber in either PE or LSZH jacket.

Fiber choices of singlemode (OS1/OS2), and multimode (OM1, OM2, OM3, OM4) to fit for different installation.



KEY FEATURES :

- Suitable for cable deployment in aerial and duct areas
- 2 ruggedized steel wires for self-support function
- Water blocking tape provides added ingress protection
- Corrugated steel tape delivers superior crush and rodent resistant
- Small diameter, light weight for easy laying
- Excellent durability and long service life

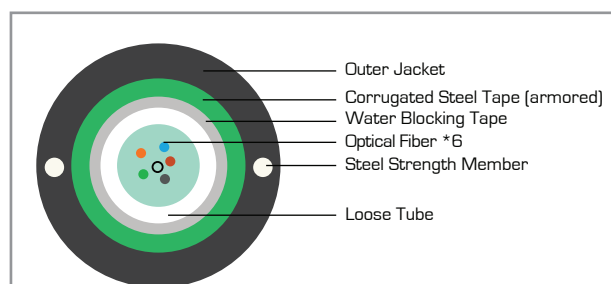
Specifications

Fiber Count Options	2-, 4-, 6-, 8-, 12-, 24-Fiber
Available Fiber Modes	Singlemode (OS 1/2) Multimode (OM1, OM2, OM3, OM4)
Jacket Material Options	Polyethylene (PE) Low Smoke Zero Halogen (LSZH)
Material of Two Strength Member	Steel
Temperature Range	Storage or Transportation : - 40°C to + 70°C Operation : - 40°C to + 70°C

Specifications - Mechanical Parameters

		Fiber Count	
		2 ~ 12-Fiber	24-Fiber
Outer Diameter (mm)		8.0 ± 0.3	8.8 ± 0.3
Nominal Weight (Kg/Km)	LSZH Jacket	85	105
	PE Jacket	62	74
Max. Tension (N)	Short-term	1500	1500
	Long-term	500	500
Max. Crushing Resistance (N/100)	Short-term	3000	3000
	Long-term	1000	1000

CABLE CROSS SECTION DIAGRAM



Example of 6-Fiber Steel Armored Cable, OM1, LSZH
P/N: FC06-006M1L

Steel Armored Cable

Fiber Mode	Part No. ⁽¹⁾	
	PE Jacket	LSZH Jacket
OS1/2	FC06-xxxS1E	FC06-xxxS1L
OM1	FC06-xxxM1E	FC06-xxxM1L
OM2	FC06-xxxM2E	FC06-xxxM2L
OM3	FC06-xxxM3E	FC06-xxxM3L
OM4	FC06-xxxM4E	FC06-xxxM4L

(1) "xxx" refers to nos. of fiber count, options available are "002", "004", "006", "008", "012", "024".