

CENTRAL STRENGTH MEMBER ARMORED CABLES

Armored fiber optic cable in stranded loose tube structure which withstands high tensile stresses and provides protection from rodents.

Offered in 2- to 144-Fiber count, available in singlemode (OS1/OS2) and multimode (OM1, OM2, OM3, OM4) with LSZH or PE jacket.



KEY FEATURES :

- Suitable for all outdoor and harsh environment applications
- Extra thickness on outer jacket withstand strong pressure and tensile stresses
- Corrugated steel tape design offers extra mechanical and rodent protection
- Wide range of fiber count options from 2- to 144-Fiber
- Loose tube design provides outstanding optical fiber protection

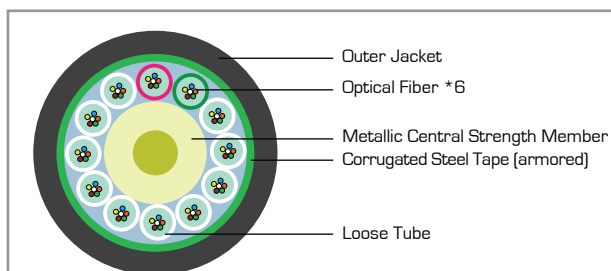
Specifications

Fiber Count Options	2-, 4-, 6-, 8-, 12-, 24-, 48-, 72-, 96-, 144-Fiber
Available Fiber Modes	Singlemode (OS1/2) Multimode (OM1, OM2, OM3, OM4)
Jacket Material Options	Polyethylene (PE) Low Smoke Zero Halogen (LSZH)
Material of Central Strength Member	Steel
Temperature Range	Storage or Transportation : - 40°C to + 70°C Operation : - 40°C to + 70°C

Specifications - Mechanical Parameters

	Fiber Count			
	2~48Fiber	72-Fiber	96-Fiber	144-Fiber
Outer Diameter (mm)	10.5 ± 0.5	11.5 ± 0.5	13.0 ± 0.5	15.8 ± 0.5
Nos. of Tube per Cable	5	6	8	12
Nominal Weight (Kg/Km)	160	199	238	295
Max. Tension (N)	Short-term	1500	3000	3000
	Long-term	600	1000	1000
Max. Crushing	Short-term	1000	1000	1000
	Long-term	300	300	300
Resistance (N/100)	Long-term	300	300	300

CABLE CROSS SECTION DIAGRAM



Example of 72-Fiber Central Strength Member Armored Cable, OS1/2, LSZH
P/N: FC07-072S1L

Central Strength Member Armored Cable

Fiber Mode	Part No. ⁽¹⁾	
	PE Jacket	LSZH Jacket
OS1/2	FC07-xxxS1E	FC07-xxxS1L
OM1	FC07-xxxM1E	FC07-xxxM1L
OM2	FC07-xxxM2E	FC07-xxxM2L
OM3	FC07-xxxM3E	FC07-xxxM3L
OM4	FC07-xxxM4E	FC07-xxxM4L

(1) "xxx" refers to nos. of fiber count, options available are "002", "004", "006", "008", "012", "024", "048", "072", "096", "144".