

# OUTDOOR STEEL ARMORED CABLE

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 installations.



## 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

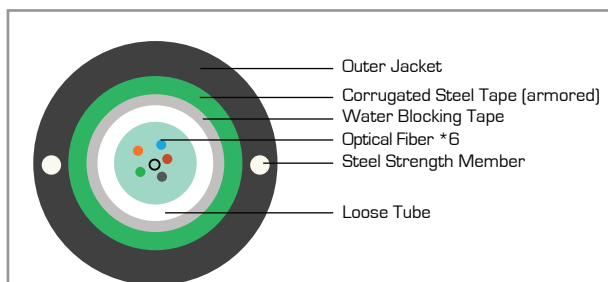
## Specifications

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

## Specifications - Mechanical Parameters

		Fiber Count	
		2 ~ 12-Fiber	24-Fiber
<b>Outer Diameter (mm)</b>		8.0 ± 0.3	8.8 ± 0.3
<b>Nominal Weight (Kg/Km)</b>	<b>LSZH Jacket</b>	85	105
	<b>PE Jacket</b>	62	74
<b>Max. Tension (N)</b>	<b>Short-term</b>	1500	1500
	<b>Long-term</b>	500	500
<b>Max. Crushing Resistance (N/100)</b>	<b>Short-term</b>	3000	3000
	<b>Long-term</b>	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. <sup>(1)</sup>	
	PE Jacket	LSZH Jacket
SM	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".