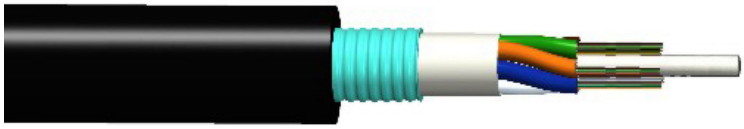
JLOFC-JLFTS Fiber optic cable 2,4,8,12,24,36,48,72,96,144 CORES,

Application

Aerial

pipeline

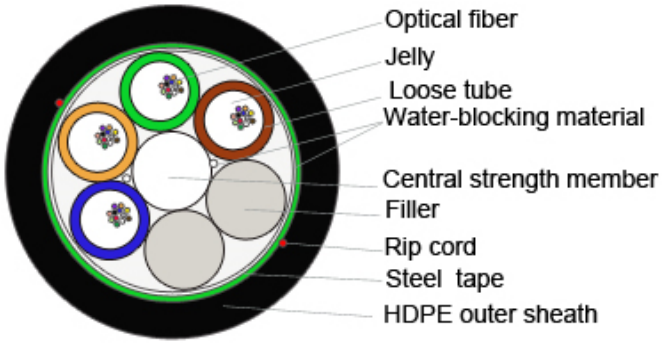


Properties : Main mechanical properties

Max Tension(N)		Max Crush Resistance (N/100mm)		Min. Bend Radius	
Long	**Short**	**Long**	**Short**	**Installation**	**Static**
1000	2000	1000	2000	20xOD	10XOD

Environmental conditions

Temperature Range, Installation	-20℃ + 70℃
Temperature Range, operation	-40℃ + 70℃
Temperature Range, Storage	-40℃ + 70℃



-JLOFC stranded loose tube cables are designed for outdoor use for campus, city and intercity backbones in duct installations.

-The SZ-stranded construction further reduces installation and environmental influences on the transmission parameters and allow aerial and duct.

Design

Cable size							
Fiber number	12	24	36	48	72	96	144
Central Element	FRP						
Fiber Coloring	Bule, Orange, Green, Brown,Slate, White, Red, Black, Yellow, Violet, Rose, Aqua						
Fiber per tube	12						
Loose tube color coding	Bule, Orange, Green, Brown,Slate, White, Red, Black, Yellow, Violet, Rose, Aqua						
Number of rip cord	2						
Armour	Corrugated steel tape						
Outer jacket material	HDPE						
Tape	Water-swellable						
OD (mm)	10.0	10.0	10.0	11.4	11.4	12.8	15.7
Weight(kg/km)	94	94	94	121	121	150	217

Standards

Fiber Standards	TIA/EIA-492CAAB,IEC60793-2-50 Type B1.3, ITU-T G.652.D ISO/IEC11801 Ed2.2
Water blocking	IEC 60794-1-2 F5

Fiber	Single-mode ITU G.652.D	
Max Attenuation	1310nm/1383nm/1550nm	0.36dB/km/0.36dB/km/0.22dB/km