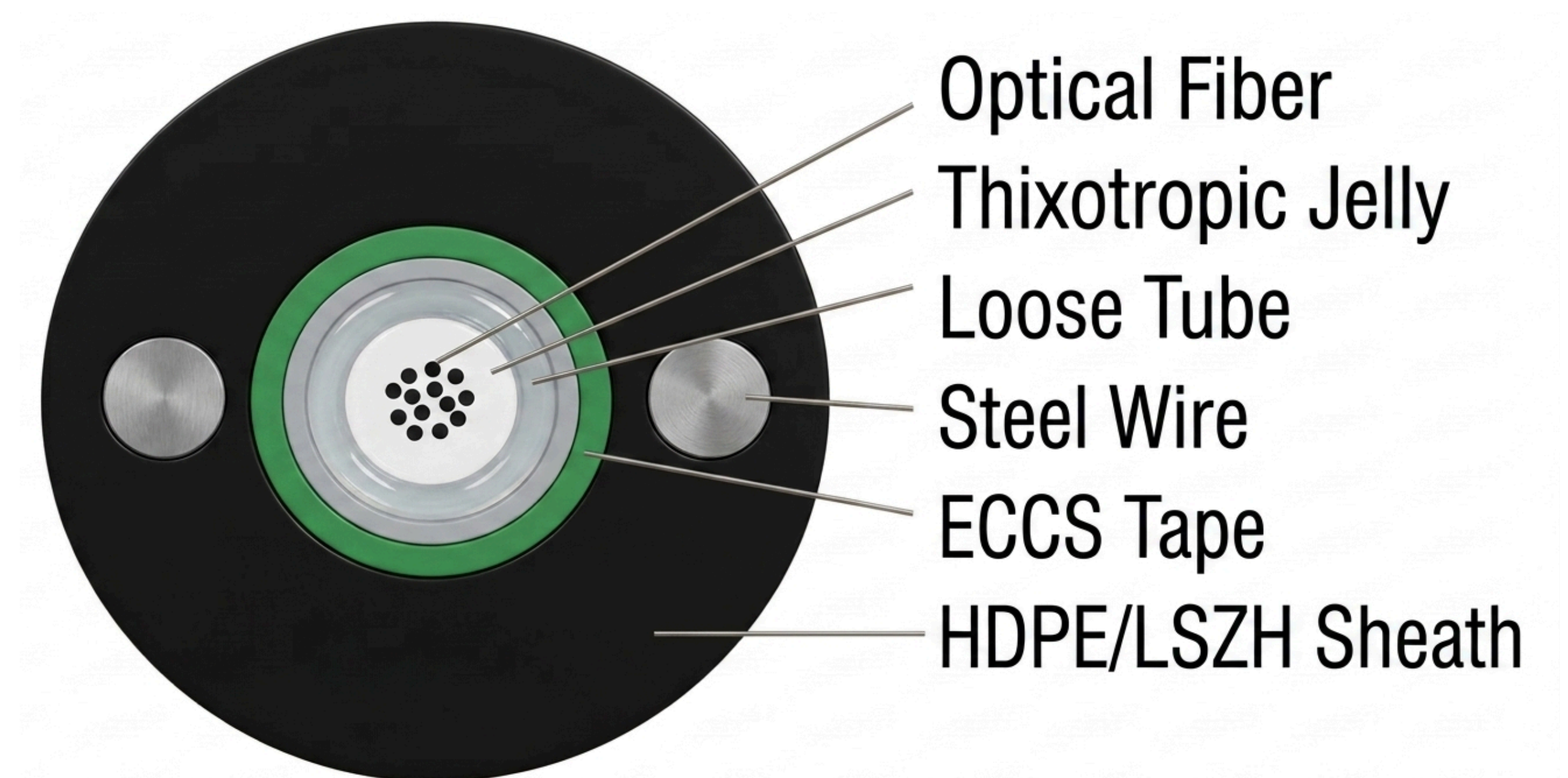


Unitube Armoured Optical Fiber Cable

The fibers, 250um are positioned in a loose tube made of a high modulus plastic. Two parallel steel wires are placed at the two sides of the ECCS Steel Tape.

Characteristics

- Good mechanical & environmental performance
- High strength loose tube that is filled with thixotropic jelly
- Thixotropic jelly compound insure critical protection of fiber
- Crush resistance and flexibility
- Armoring with ECCS taped for enhanced protection
- Two parallel steel wires ensure tensile strength
- Small diameter, light weight & friendly installation



Standards: Cable compiles with Standard IEC 60793, 60794

Optical Properties

Colour Details	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Natural (Natural as applicable and each have a natural fiber)			
Type		G.652	50/125µm	62.5/125µm
Attenuation (±20°C)	850nm		≤3.0dB/km	≤0.30dB/km
	1300nm		≤1.0dB/km	≤1.0dB/km
	1310nm	≤0.36dB/km		
	1550nm	≤0.22dB/km		
Bandwidth (Class A)	850nm		≥ 500MHz-km	≥ 200MHz-km
	1300nm		≥ 1000MHz-km	≥ 600MHz-km
Numerical Aperture			0.200 ±0.015NA	0.275±0.015NA
Cable cut off wave length		≤1260nm		

Physical Properties

Fiber Count	Cable OD (mm)	Cable Weight (kg/km)	Tensile Strength Long / Short Term	Crush Resistance Long / Short Term N/10cm	Bending Radius Static / Dynamic (mm)
4	7.5	60 ± 5kg	80/1500	2000N/10cm	10D/20D
6	7.5	60 ± 5kg	80/1500	2000N/10cm	10D/20D
12	7.5	60 ± 5kg	80/1500	2000N/10cm	10D/20D
24	7.5	60 ± 5kg	80/1500	2000N/10cm	10D/20D

Environmental Characteristics

Storage Operating Temperature	-20°C to +70°C
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Ordering Information

Part No.	Description	Part No.	Description
KNXCF-201AS-75	Konexe 4 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, HDPE	KNXCF-201ASL-75	Konexe 4 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, LSZH
KNXCF-301AS-75	Konexe 6 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, HDPE	KNXCF-301ASL-75	Konexe 6 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, LSZH
KNXCF-501AS-75	Konexe 12 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, HDPE	KNXCF-501ASL-75	Konexe 12 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, LSZH
KNXCF-601AS-75	Konexe 24 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, HDPE	KNXCF-601ASL-75	Konexe 24 Core, Single Mode, Unitube, ECCS Tape Armoured Fiber Cable, LSZH