

Sterlite DUCT-LITE™ Fiber Optic Cable Series

PRODUCT DESCRIPTION

All dielectric Single Jacket Loose Tube cable are UV-stabilized and fully water blocked. These cables can be used both inside and outside buildings and may be installed in cable ducts, on cable trays, in conduits or directly in the ground.

PRODUCT BENEFITS

These cables are produced using Dry / Wet Core Technology and thus provide benefits in terms of weight, size and mid-span access of the cable. This lightweight cable offers durability and flexibility required for many outside plant uses.

PRODUCT APPLICATION

The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. These cables may be used for Long-haul, CATV, Campus Cabling and Utility Communication Networks.

PRODUCT OPTIONS

- Fiber - Single Mode, 50 & 62.5 microns Multi Mode
- Higher Fiber counts available

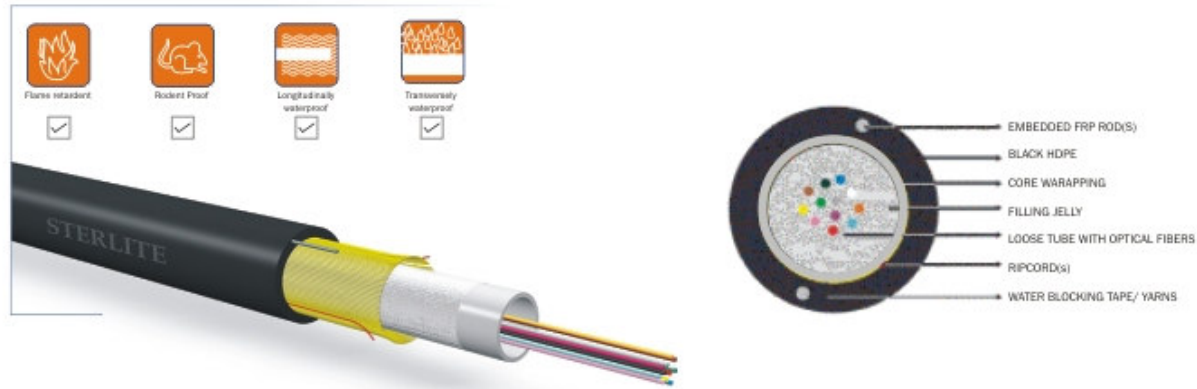
INTERNATIONAL STANDARDS

Sterlite DUCT-LITE™ Fiber Optic Cables comply with or exceed ITU Recommendation G.651 to G.657, IEC 60793 & 60794 International Standards.

LENGTH DETAILS

As per customer requirements.

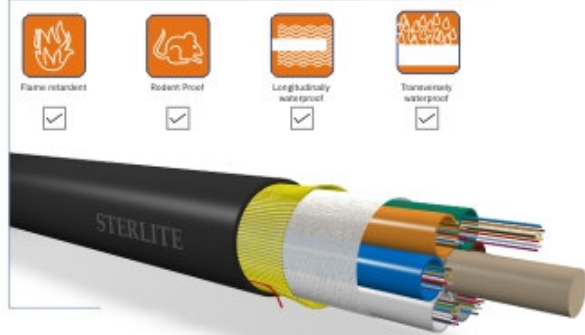
Unitube Duct Cable



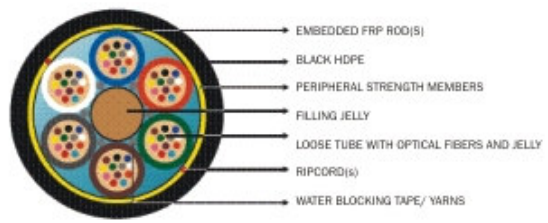
Fiber count	Normal Diameter mm	Nominal weight of cable kg/km	Minimum bend radius	
			Full load mm	Installed mm
2-12	7.5	50	160	120
14-24	8.5	60	180	135
26-48	9.5	90	210	150

The above designs are only a sample of the options available from Sterlite. Contact our Sales Team for a cable designed to your exact specifications.

Multitube Duct Cable



-  Flame Retardant
-  Rodent Proof
-  Longitudinally waterproof
-  Transversely waterproof



Fiber count	Maximum fibers per tube	Active Tubes	Tube Positions	Nominal Diameter mm	Nominal weight of cable kg/km	Minimum bend radius	
						Full load mm	Installed mm
6-36	6	6	6	10	80	20D*	15D
48	8	6	6	10	85	20D	15D
60-72	12	5-6	6	10.5	95	20D	15D
96	12	8	8	11.5	125	20D	15D
144	12	12	12	14.5	190	20D	15D
148-216	12	13-18	18	19.1	250	20D	15D
218-288	12	19-24	24	20.6	320	20D	15D
576	24	24	24	22.5	380	20D	15D

* D is diameter of the cable

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MANUFACTURING PROCESS

Sterlite controls every stage of the manufacturing process so that quality is built in to every meter of cable, rather than selected out at the end through testing. To ensure the accuracy and precision of the manufacturing process, Sterlite routinely calibrates and recertifies process equipment and measurement benches against internationally traceable standards from NPL/NIST, and follow test methods compliant with EIA/TIA, CEI-IEC and ITU standards.

SERVICE USPs

- Complete range of Fiber Optic Cables for terrestrial networks
- World-wide Sales Support
- Web-based Order Tracking & Customer Support
- Specialized technical support

Sterlite's policy of continuous improvement may result in a change in specifications without prior notice. Any warranty of any nature relating to any Sterlite product is only contained in the written agreement between Sterlite Technologies Ltd and the direct purchaser of such product(s).

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