

Sterlite RIBBON-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

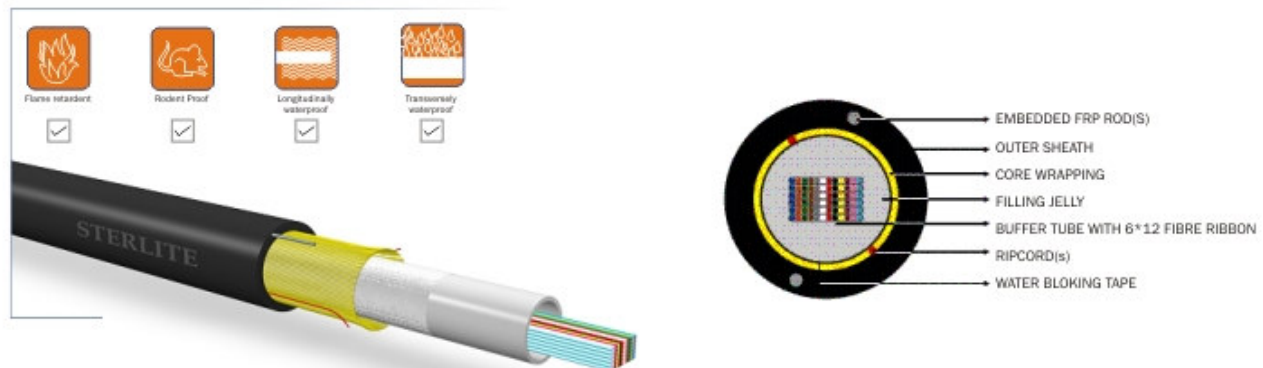
INTERNATIONAL STANDARDS

Sterlite RIBBON-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.

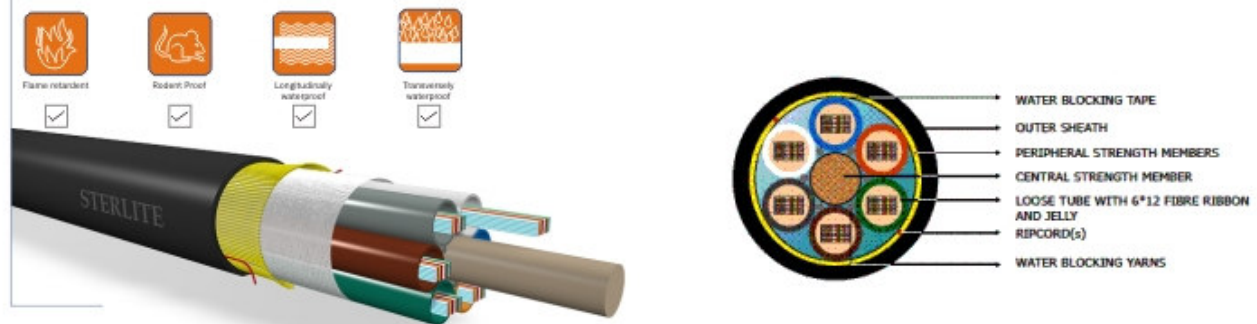
Unitube Ribbon Cable



Fiber Count	Maximum Ribbons per Tubes	Fibers per Ribbon	Nominal Diameter mm	Nominal weight of cable kg/km	Minimum bend radius	
					Full load mm	Installed mm
12-36	3	12	11	100	220	110
48-96	4-8	12	12	115	240	120
108-144	9-12	12	12.5	125	250	125

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 Ribbon Cable



Fiber Count	Maximum fibers per Tubes	Active Tube	Tube Positions	Nominal Diameter mm	Nominal weight of cable kg/km	Minimum bend radius	
						Full load mm	Installed mm
288	72	4	5	23.2	385	464	232
300-360	72	5	5	23.2	385	464	232
372-432	72	6	6	24	460	480	240
444-576	144	4	5	26.8	520	536	268
588-720	144	5	5	26.8	520	536	268
732-864	144	6	6	29.4	625	588	294

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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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Sterlite Technologies Ltd. Marketing / Sales Offices

CHINA

Room 1802, China Merchants Tower
No 118 Jian Guo Road
Chao Yang District
Beijing 100022, CHINA
Phone: +86-10-59233898
Fax: +86-10-59233705

B2002, Far East International Plaza
317, Xianxia Road
Shanghai - 200051, CHINA
Phone: +86-21-62351469
Fax: +86-21-62351470

INDIA

E-3, MIDC, Waki
Aurangabad - 431 136
Maharashtra, INDIA
Phone: +91-240-2564597
Fax: +91-240-2564598

601, Samarpan Complex
New Link Road Chakala,
Andheri (East),
Mumbai 400 099
Maharashtra, INDIA
Phone: +91-22-67022260
Fax: +91-22-67022265

Scope Office Complex Core - 6, 6th Floor, C/o BALCO 7
Lodhi Road
New Delhi 110 003, INDIA
Phone: +91-11-24366087
Fax: +91-11-24364076

Atur Chambers
2A Molekina Road
Pune 411 001
Maharashtra, INDIA
Phone: +91-20-30512700
Fax: +91-20-26124340

RUSSIA

90, bld.3 Krasnobogatyrskaya St
107076 Moscow, RUSSIA
Phone: +7-495-579 2337
Fax: +7-495-579 2337

SOUTH AFRICA

PO Box 784689, Sandton 2146,
377 Rivonia Boulevard,
Rivonia 2128, South Africa
Phone: +27-11-2750284
Fax: +27-11-2345022

THAILAND

Level 27, Bangkok City Tower
179/114-116 South Sathorn Road
Kwaeng Thungmahamek
Rhet Sathorn
Bangkok 10120, THAILAND
Phone: +66-2343 1858
Fax: +66-2343 1818

UNITED KINGDOM

Suite 7, The Meadows,
Church Road Dodleston,
Cheshire CH4 9NG,
UNITED KINGDOM
Phone: +44-1244-661189
Fax: +44-5601-257106

