

## **COMPANY DATASHEET**

### **COMPANY NAME: Sterlite Optical Technologies Limited**

#### **REGISTERED ADDRESS**

E1, MIDC Waluj  
Aurangabad 431 136, Maharashtra, INDIA  
Phone: +91-240-2564599  
Fax: +91-240-2564598

#### **CORPORATE ADDRESS**

4<sup>th</sup> Floor Godrej Millenium  
9 Koregaon Road  
Pune 411001, Maharashtra, INDIA  
Phone: +91-20-30514000  
Fax: +91-20-26138083

#### **YEAR OF ESTABLISHMENT**

Sterlite Optical Technologies Limited was formed by the demerger of the erstwhile telecom division of Sterlite Industries (India) Limited with effect from 1st July 2000 to enable a sharper focus on each of the businesses.

Sterlite's range of Telecom Cables had been manufactured under Sterlite Industries (India) Limited from 1988 till Year 2000 and under Sterlite Optical Technologies from Year 2000 onwards.

In August 2006, Sterlite Optical Technologies announced the acquisition of Sterlite Industries' Power Transmission Line Business.

#### **SCOPE OF BUSINESS ACTIVITY/ PRODUCT GROUPS**

Manufacture and supply of Optical Fibers, Preforms, Fiber Optic Cables, Copper Telecom Cables, Power Transmission Conductors and Structured Data Cables.

#### **STOCK EXCHANGE LISTINGS**

National Stock Exchange (NSE), India  
Bombay Stock Exchange (BSE), India

#### **NUMBER OF EMPLOYEES**

525 (As on December 31, 2006)

## **COMPANY PROFILE**

Sterlite Optical Technologies is a leading global provider of Optical Fibers, Telecommunication Cables and Power Transmission Conductors. The Company is India's only integrated Optical Fiber manufacturer and is among the select few globally.

Sterlite Optical Technologies Limited is a Public Limited Company, listed on the Bombay Stock Exchange and National Stock Exchange in India.

Deloitte has nominated Sterlite Optical Technologies as the 6th Fastest Growing Technology Company in India and 73rd Fastest Growing Technology Company in Asia-Pacific in 2006. The Company was also among the winners of the 'Deloitte Technology Fast 50 India & Fast 500 Asia Pacific awards for 2005.

Sterlite's experience with the varying requirements of customers in global markets has ensured continuous improvement and customer orientation of the company. Sterlite's customer list includes some of the most prominent companies in the Telecom and Energy world.

In India, Sterlite Optical Technologies is the market leader with a share of over 60% in optical fiber and telecom cable products and about 25% of high voltage power transmission conductors. The Company currently exports its telecom and power products to over 60 countries.

All Sterlite's telecom products comply with ITU-T recommendations and BS EN 188000, EIA/TIA & IEC 793 Test Standards. All Sterlite's power transmission products comply with IS, IEC, BS, ASTM, NFC, Din, AS, JIS & CSA International Specifications.

Sterlite Optical Technologies is the only company to be awarded the 'Top Telecom Cables Company' in India, four times in the past five years, as per the annual V&D 100 Survey and is a winner of the 'Amity Award for Corporate Excellence' and 'ELCINA Award for R&D' in 2006.

For more information about the Company, please visit [www.sterliteoptical.com](http://www.sterliteoptical.com)

## **PRODUCTS**

### **OPTICAL FIBER**

Sterlite Optical Technologies manufactures a complete range of Optical Fibers, designed for use in Optical Fiber Cables and catering to the specific technical requirements by the Telecommunication Industry

- BEND-LITE™ Single Mode Optical Fiber
- OH-LITE™ Single Mode Optical Fiber
- PMD-LITE™ Single Mode Optical Fiber
- DOF-LITE™ (RS) Single Mode Optical Fiber
- DOF-LITE™ (LEA) Single Mode Optical Fiber
- DOF-LITE™ (Metro) Single Mode Optical Fiber
- MULTI-LITE™ 50/125 Multi Mode Optical Fiber
- MULTI-LITE™ 62.5/125 Multi Mode Optical Fibe

### **FIBER OPTIC CABLES**

Sterlite's Fiber Optic Cable plants produce the complete range of Terrestrial Fiber Optic Cables in standard and customized designs, with fiber counts up to 864.

- ADSS Fiber Optic Cable Series
- ARMOR-LITE™ Fiber Optic Cable Series
- Breakout Fiber Optic Cable Series
- Dielectric Fig-8 Fiber Optic Cable Series
- DROP-LITE™ Fiber Optic Cable Series
- DUCT-LITE™ Fiber Optic Cable Series
- Duplex Fiber Optic Cable
- Duplex Flat Fiber Optic Cable
- FRP Armor-LITE™ Fiber Optic Cable Series
- Indoor Distribution Fiber Optic Cable Series
- Indoor-Outdoor Fiber Optic Cable Series
- Micro-Duct Fiber Optic Cable Series
- Ribbon Cord Fiber Optic Cable Series
- RIBBON-LITE™ Fiber Optic Cable Series
- Simplex Fiber Optic Cable
- Tactical Fiber Optic Cable Series

### **POWER TRANSMISSION CONDUCTORS**

Sterlite's Power Transmission Conductor plants produce the complete range of Extra-High voltage, High Voltage and Power Distribution conductors

- AAAC (All Aluminium Alloy Conductor)
- AAC (All Aluminium Conductor)
- AACSR (Aluminium Alloy Conductor Steel Reinforced)

- ACAR (Aluminium Conductor Alloy Reinforced)
- ACSR (Aluminium Conductor Steel Reinforced)
- ACSR/AS

#### **COPPER TELECOM CABLES**

- Cat 3 Indoor Copper Cable
- Cat 3 Self Supporting Fig-8 Aerial Copper Cable
- Direct Buried Armored Copper Cable
- Duct / Direct Buried Unarmored Copper Cable
- Indoor Individual Pair Screened Copper Cable
- Internal Exchange Telephone Copper Cables
- Outdoor Screened PCM Copper Cable
- Self Supporting Dry Core Aerial Copper Cable
- Self Supporting Jelly Filled Aerial Copper Cable

#### **STRUCTURED DATA CABLES**

- Cat 5 Fig-8 Self Supporting Cable
- Cat 5 Indoor Cable
- Cat 5e Drop Cable
- Cat 5e LAN Cables
- Cat 6 LAN Cables
- Combo Cable

#### **CUSTOMER PREMISE EQUIPMENT (CPE)**

- SAM100 Dual Port ADSL 2+ Modem
- SAM200 Wireless Dual Port ADSL 2+ Modem
- SAM300 Multi Port ADSL 2+ Modem
- SAM400 Wireless Multi Port ADSL 2+ Modem

#### **ALUMINUM AND ALLOY RODS**

All of Sterlite's Products are manufactured at ISO 9001:2000 certified facilities

Sterlite's Optical Fiber facilities are also certified for the ISO 14001:2004 Environment Management System and OHSAS 18001:1999 Safety Management System.

## **PRODUCT APPROVALS & ENLISTMENTS** *(Representative List)*

- Siemens, Germany: Global approved vendor for Optical Fiber and Cables
- Ministry of Transport & Communication of Ukraine, Ukraine: Sterlite's range of G.652 and G.655 optical fibers approved
- TOT Corporation Public Company Limited, Thailand: Sterlite Fiber Optic Cables approved
- Wuhan Research Institute Laboratories, China: Sterlite OH-LITE™ (G.652D), Sterlite DOF-LITE™ (G.655) Optical Fibers approved
- Chungwa Telecom, Taiwan: Sterlite OH-LITE™ (G.652D) Optical Fiber approved
- Shanghai Electric Cable Research Institute (SECRI), China: Sterlite PMD-LITE® (G.652B), Optical Fiber approved
- PT Telekomunikasi Indonesia Tbk, Indonesia: Sterlite Fiber Optic Cables approved
- Sri Lanka Telecom, Sri Lanka: Sterlite Copper Telecom Cables approved
- Vietnam Posts and Telecommunications (VNPT): Sterlite Fiber Optic Cables approved
- Videsh Sanchar Nigam Limited (VSNL), India: Sterlite OH-LITE™ (G.652D) Optical Fiber approved
- Component Approval Centre Telecommunications (CACT), India: Sterlite PMD-LITE® (G.652B), Sterlite OH-LITE™ (G.652D), Sterlite DOF-LITE™ (G.655) Optical Fibers approved
- Engineers India Limited (EIL), India: Sterlite Fiber Optic Cables approved
- Gas Authority of India Limited (GAIL), India: Sterlite Fiber Optic Cables approved
- National Thermal Power Corporation (NTPC), India: Sterlite Fiber Optic Cables approved
- Power Grid Corporation of India Limited (PGCIL), India: Sterlite Fiber Optic Cables approved
- North Delhi Power Limited (NDPL), India: Sterlite Fiber Optic Cables approved
- Sikkim Power, India: Sterlite Fiber Optic Cables approved
- Aksh Optifibre, India: Chosen Sterlite Optical Fiber for all supplies to Andhra Pradesh Broadband Project

## **PRODUCT PATENTS GRANTED**

- Product Patent No *US 6,879,764 B2*, for Sterlite DOF-LITE™ RS: a dispersion shifted fiber with low dispersion slope, granted in the US. This patent is valid up to Year 2022.
- Product Patent No *ZL 02809096.9*, for 'Dispersion shifted fiber with low dispersion slope', granted in China. This patent is valid up to Year 2022.
- Patent No *ZL 20041000901.7*, for 'Method for producing twisted optical fiber with reduced polarization mode dispersion', granted in China. This patent is valid up to Year 2024.
- Product Patent CN 1268952C for 'Dispersion optimized fiber having higher spot area ' granted in China, valid till Year 2023.
- Patent No *IN 203463*, for 'Method for producing twisted optical fiber with reduced polarization mode dispersion', granted in India.

## List of Awards and Certifications

Sl. No.	Presented By	Category	Year	Award/ Certification
1	Voice & Data magazine, India	Organizational Performance	2002	Top Telecom cable company in India
2	Wire Association International (WAI), USA	Technical paper presentation	2002	Urbain J.H.Malo medal
3	Bureau Veritas Certification (BVCI), India	Quality Management System	2002	ISO:9001 (2000)
4	Voice & Data magazine, India	Organizational Performance	2003	Top Telecom cable company in India
5	Wire Association International (WAI), USA	Technical paper presentation	2003	Urbain J.H.Malo medal
6	Voice & Data magazine, India	Organizational Performance	2004	Top Telecom cable company in India
7	Bureau Veritas Certification (BVCI), India	Health and Safety Management System	2004	OHSAS:18001(1999)
8	Deloitte, Hong Kong	Organizational Performance	2005	'DELOITTE TECHNOLOGY FAST 50 INDIA 2005'
9	Deloitte, Hong Kong	Organizational Performance	2005	'DELOITTE TECHNOLOGY FAST 500 ASIA PACIFIC 2005'
10	Bureau Veritas Certification (BVCI), India	Environment Management System	2006	ISO:14001 (2004)
11	Voice & Data magazine, India	Organizational Performance	2006	Top Telecom cable company in India
12	Amity International Business School, India	Best business practices	2006	Corporate Excellence Award
13	Electronic Industries Association of India	Research & Development	2006	ELCINA Award for development of OH-LITE™ optical fiber
14	Times Innovative Media, India	Product Innovation (Fiber-to-the-Home)	2006	Most Innovative Lifestyle Concept
15	Deloitte, Hong Kong	Organizational Performance	2006	Deloitte Technology Fast 50 India 2006 (rank: 6 <sup>th</sup> )

16	Deloitte, Hong Kong	Organizational Performance	2006	Deloitte Technology Fast 500 Asia Pacific 2006 (rank: 73 <sup>rd</sup> )
17	American Society for Quality (ASQ)	Six-Sigma	2006	Six-Sigma Black Belt (10 Individual certifications)
18	American Society for Quality (ASQ)	Quality/ Organization Excellence	2006	Manager of Quality & Organization Excellence (1 individual certification)
19	British Safety Council, UK	Safety Management System	2006	British Safety Council Five Star Rating (Optical Fiber Division)
20	Indian Merchants Chamber (IMC)	Quality and Business Excellence (Manufacturing)	2006	Ramkrishna Bajaj National Quality Award (RBNQA) - Certificate of Commendation. Equivalent to Malcom Baldrige National Quality Award (MBNQA), USA and EFQM
21	Confederation of Indian Industry (Western Region), CII	Safety, Health and Environment Management System	2007	Safety, Health and Environment (SHE) Award (Consolation Award)
22	Institute for Testing and Certification (ITC) Inc., Czech Republic	Environment Management	2007	Restriction of Hazardous Substances (RoHS) (For Optical Fiber Products)