

MATENG

SME SERIES

CATALOG

SME SERIES

NEUTRAL EXPANDED FIBER OPTIC CONNECTOR

PRODUCT INTRODUCTION

The series of products comply with MIL-DTL-83526, using the ball lens transmission signal, improve the service life and reliability of the product. Through the trapezoidal thread connection, with anti-misinsertion function.



MAIN TECHNICAL INDEX

MECHANICAL PROPERTY

- Mechanical life: 3000 cycles
- Impact: 490m/s², duration 11 ms
- Vibration: 10Hz ~ 500Hz, acceleration 98m/s²

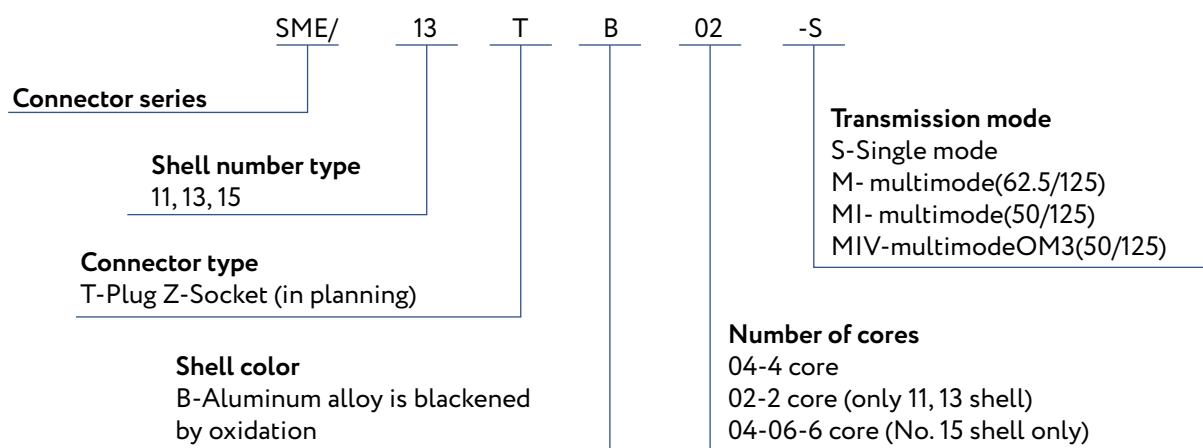
ENVIRONMENTAL PERFORMANCE

- Temperature range: -40°C to +85°C
- Tightness: IPX8

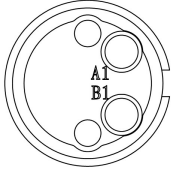
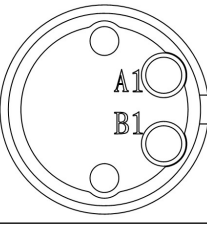
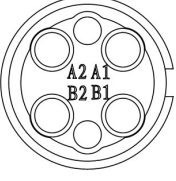
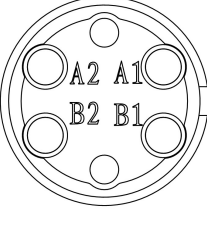
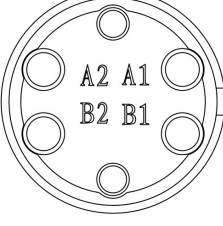
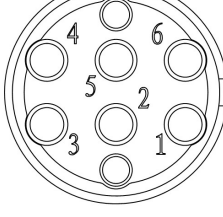
ENVIRONMENTAL PERFORMANCE

- Insertion loss:
- 0.8 ~ 1.8dB@1310, 1550nm.
- 0.5 ~ 1.0dB@850, 1300nm
- Return loss: > 32dB(single mode)

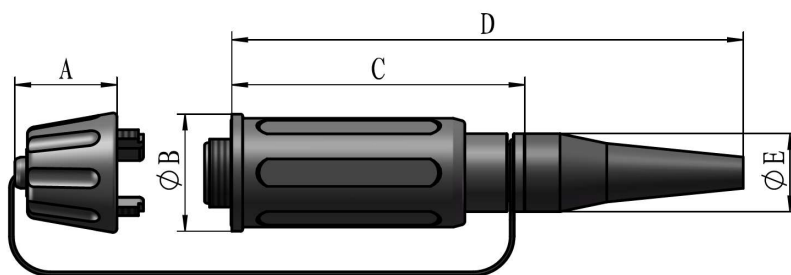
PART NUMBER



CONTACT ARRANGEMENT

| Housing number | 11 | 13 | 15 |
|-----------------|---|---|--|
| Number of cores | | | |
| 02 |  |  | |
| 04 |  |  |  |
| 06 | | |  |

OVERALL DIMENSION



| Housing number | A | B | C | D | E |
|----------------|------|------|------|-------|------|
| 11 | 20.5 | 23.0 | 62.8 | 117.8 | 20.0 |
| 13 | 25.8 | 30.0 | 76.0 | 131.0 | 20.0 |
| 15 | 25.8 | 32.0 | 87.1 | 145.1 | 20.0 |



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SHENZHEN MATENG INTERCONNECTION TECHNOLOGY CO., LTD.

[HTTPS://MATENG.TECH/](https://mateng.tech/)