# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





### FO patch cable - FOC-SC:A-LC:A-GZ03/2 - 1400681

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Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125  $\mu$ m, OM4, plug: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 m

#### Why buy this product

- Multi-mode patch cable for indoor installation
- Ideal for use in distributor systems and for connecting termination devices
- Mall components satisfy UL 94, V0
- 2.8 mm single elements made from halogen-free and flame-retardant material
- ☑ Interferometer tests at every stage of the certification process
- Excellent mechanical and optical properties
- Satisfies optical and mechanical industry standards
- Connector with UPC polishing for optimum attenuation values
- Low-bend fiber
- Individual test report with  $\leq$  0.3 dB insertion loss, measured according to IEC 61300-3-4
- $\square$  Individual test report with  $\ge$  35 dB return loss, measured according to IEC 61300-3-6
- ☑ Comprehensively tested according to IEC 61753-122-2 and IEC 61753-1 Cat. C
- ☑ Temperature fluctuation test according to IEC 61300-2-1
- ☑ Vibration test according to IEC 61300-2-1
- Tensile strength of the cable connection according to IEC 61300-2-5

### RoHS

### Key Commercial Data

| Packing unit | 1 STK           |
|--------------|-----------------|
| GTIN         | 4 046356 734905 |
| GTIN         | 4046356734905   |

### Technical data

#### Mechanical characteristics

| Number of positions | 2        |
|---------------------|----------|
| Type of cable       | Zip cord |



### FO patch cable - FOC-SC:A-LC:A-GZ03/2 - 1400681

### Technical data

### Mechanical characteristics

| Length of cable                               | 2 m   |  |
|---|---|--|
| Color   | violet  |  |
| Degree of protection                          | IP20  |  |
| Ambient conditions                            |   |  |
| Ambient temperature (operation)               | -10 °C 60 °C                                  |  |
| Ambient temperature (assembly)                | -5 °C 50 °C                                   |  |
| Ambient temperature (storage/transport)       | -10 °C 60 °C                                  |  |
| Material data                                 |   |  |
| Flammability rating according to UL 94        | VO  |  |
| External sheath, color                        | Violet  |  |
| Ferrule material                              | Zirconia ceramics                             |  |
| Electrical characteristics                    |   |  |
| Transmission speed                            | OM4   |  |
| Standards and Regulations                     |   |  |
| Halogen-free                                  | complying with IEC 60754-1/2                  |  |
| Flammability rating according to UL 94        | VO  |  |
| Line characteristics                          |   |  |
| Type of cable                                 | Zip cord                                      |  |
| Cable type                                    | Fiberglass                                    |  |
| Cable abbreviation                            | I-V(ZN)H                                      |  |
| Length of cable                               | Free entry (1.0 1000.0 m)                     |  |
| Wire colors                                   | -   |  |
| External sheath, color                        | Violet  |  |
| Cable, attenuation                            | 2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm) |  |
| Cable weight                                  | 15.80 kg/km                                   |  |
| Smallest bending radius, fixed installation   | 15 mm   |  |
| Smallest bending radius, movable installation | 30 mm   |  |
| Tensile strength short-term/long-term         | 600 N   |  |
| cable layer type                              | Indoors                                       |  |
| Halogen-free                                  | complying with IEC 60754-1/2                  |  |

#### **Environmental Product Compliance**

| China RoHS | Environmentally Friendly Use Period = 50   |
|------------|--|
|            | For details about hazardous substances go to tab "Downloads",<br>Category "Manufacturer's declaration" |

### Approvals

Approvals



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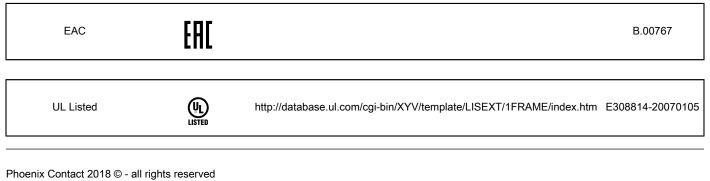
### Approvals

Approvals

EAC / UL Listed

Ex Approvals

### Approval details



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PHOENIX CONTACT GmbH & Co. KG Flachsmarktstr. 8 32825 Blomberg Germany Tel. +49 5235 300 Fax +49 5235 3 41200 http://www.phoenixcontact.com