

# FOC-PT9:LC-OM3/2.5 - Fiber optic pigtail set with 12 pigtails



1208103

<https://www.phoenixcontact.com/nl/products/1208103>

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Fiber optic pigtail set with 12 pigtails, design: LC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 10 Gbps, OM3, connection method: LC, cable outlet: straight, color: turquoise



## Your advantages

- Optimum attenuation values with UPC polishing
- Time saving and minimized risk of breakage with easy offsetting
- Easy assignment thanks to 12 different colors
- Future-proof, thanks to RoHS 2 conformity
- Fire protection class UL 94-V0

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1208103       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | ABNIDB        |
| Product key                          | ABNIDB        |
| GTIN                                 | 4063151276836 |
| Weight per piece (including packing) | 42,3 g        |
| Weight per piece (excluding packing) | 32,735 g      |
| Customs tariff number                | 85447000      |
| Country of origin                    | CN            |

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## Technical data

### Product properties

|                     |          |
|---------------------|----------|
| Type                | LC       |
| Number of positions | 12       |
| Number of slots     | 12       |
| Cable outlet        | straight |

### Electrical properties

|                     |                    |
|---------------------|--------------------|
| Attenuation         | ≤ 0.3 dB (1300 nm) |
| Transmission medium | FO                 |
| Transmission speed  | 10 Gbps            |
| Transmission speed  | 10 Gbps            |

### Connection data

|                   |    |
|-------------------|----|
| Connection method | LC |
|-------------------|----|

### Dimensions

|        |         |
|--------|---------|
| Width  | 5.5 mm  |
| Height | 9.7 mm  |
| Length | 2500 mm |

### Mechanical characteristics

|                  |         |
|------------------|---------|
| Ferrule diameter | 1.25 mm |
|------------------|---------|

### Material specifications

|                                        |                   |
|----------------------------------------|-------------------|
| Color                                  | turquoise         |
| Color of the housing part              | turquoise         |
| Flammability rating according to UL 94 | V0                |
| Ferrule material                       | Zirconia ceramics |
| Outer sheath, material                 | LSZH              |

### Connector

#### Connection 1

|                      |             |
|----------------------|-------------|
| Type                 | Plug LC/UPC |
| Degree of protection | IP20        |

#### Connection 2

|                      |                |
|----------------------|----------------|
| Type                 | free cable end |
| Degree of protection | IP20           |

### Cable/line

|              |              |
|--------------|--------------|
| Cable length | 2.50 m       |
| Cable type   | Optical wire |

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|                                       |                                |
|---------------------------------------|--------------------------------|
| Cable type                            | 900 µm                         |
| Cable structure                       | semi-loose compact wires (STB) |
| Outer sheath, material                | LSZH                           |
| Single wire, material                 | LSZH                           |
| Individual wire diameter              | 900 µm                         |
| Tensile strength short-term/long-term | 10 N                           |
| Whip length                           | 2500 mm                        |
| Halogen-free                          | yes                            |
| Resistance to oil                     | no                             |
| Flame resistance                      | yes                            |

## FO cable

|                     |                       |
|---------------------|-----------------------|
| Number of fibers    | 12                    |
| Fiber               | G50/125 µm OM3        |
| Fiber type          | Multimode             |
| Attenuation         | ≤ 0.3 dB              |
| Return Loss         | ≥ 35 dB               |
| Transmission medium | Multi-mode fiberglass |

## Mechanical properties

|                                       |      |
|---------------------------------------|------|
| Tensile strength short-term/long-term | 10 N |
|---------------------------------------|------|

## Mechanical data

|                             |       |
|-----------------------------|-------|
| Insertion/withdrawal cycles | > 500 |
| Smallest bending radius     | 30 mm |

## Characteristics

|             |                    |
|-------------|--------------------|
| Attenuation | ≤ 0.3 dB (1300 nm) |
|-------------|--------------------|

## Environmental and real-life conditions

### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Degree of protection                    | IP20             |
| Ambient temperature (operation)         | -20 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Ambient temperature (assembly)          | 0 °C ... 50 °C   |
| Resistance to oil                       | no               |

## Standards and regulations

|                   |     |
|-------------------|-----|
| Flame resistance  | yes |
| Resistance to oil | no  |

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## Approvals

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**UL Listed**

Approval ID: E308814-20250516

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27060307 |
| ECLASS-15.0 | 27060307 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001855 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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