

# FOC-OP24-OP24-GL03/45 - Connecting cable



1007621

<https://www.phoenixcontact.com/us/products/1007621>

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Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

## Product description

Robust connecting cable Q-ODC-24 to Q-ODC-24, push-pull interlocking, degree of protection: IP68

## Your advantages

- Compact design with MT ferrule
- Push-pull interlocking
- For extreme ambient conditions

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1007621       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | ABNHAA        |
| GTIN                                 | 4055626479859 |
| Weight per piece (including packing) | 1,280 g       |
| Weight per piece (excluding packing) | 1,260 g       |
| Country of origin                    | CN            |

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## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Number of positions | 24                      |

### Electrical properties

|                     |                       |
|---------------------|-----------------------|
| Attenuation         | typ. 0.15 dB          |
|                     | max. 0.35 dB          |
| Transmission medium | Multi-mode fiberglass |

### Mechanical properties

|                                       |       |
|---------------------------------------|-------|
| Tensile strength short-term/long-term | 500 N |
|---------------------------------------|-------|

### Material specifications

|                                        |      |
|----------------------------------------|------|
| Flammability rating according to UL 94 | V0   |
| Outer sheath, material                 | LSFH |

### Connector

#### Connection 1

|                      |      |
|----------------------|------|
| Degree of protection | IP68 |
|                      | IP68 |

#### Connection 2

|                      |      |
|----------------------|------|
| Degree of protection | IP68 |
|----------------------|------|

### Cable/line

|                                       |                              |
|---------------------------------------|------------------------------|
| Cable length                          | 45 m                         |
| Cable weight                          | 55.00 kg/km                  |
| Cable type                            | Multimode fiberglass         |
| Cable type                            | Zip cord, fiberglass         |
| Outer sheath, material                | LSFH                         |
| External sheath, color                | black                        |
| Tensile strength short-term/long-term | 500 N                        |
| Halogen-free                          | complying with IEC 60754-1/2 |

#### FO cable

|                     |                                  |
|---------------------|----------------------------------|
| Number of fibers    | 24                               |
| Fiber               | 62.5/125 µm OM1                  |
| Fiber type          | Multimode fiberglass 62.5/125 µm |
| Transmission medium | Multi-mode fiberglass            |

### Environmental and real-life conditions

#### Ambient conditions

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|                                 |                                       |
|---------------------------------|---------------------------------------|
| Degree of protection            | IP68                                  |
| Ambient temperature (operation) | -40 °C ... 85 °C (IEC 61300-2-22)     |
| Shock                           | 50g, in accordance with IEC 61300-2-9 |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27061003 |
|-------------|----------|

### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)