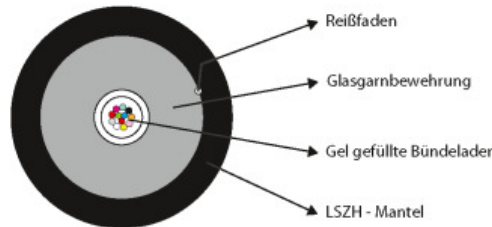


DATASHEET

U-DQ(ZN)BH 50/125 μ OM3 1750N



Description Product no.: 54512200

Application:

For fixed installation indoor and outdoor

In cable ducts, tubes and interconnections

Mechanical installation by winch is permitted only when using force meters with recording function

Not suitable for underground laying (direct buried)

Characteristics:

Universale cable

Suitable for connector assembly

The cable diameter can vary

General data

| | |
|-----------------------------|----------------|
| Application | indoor/outdoor |
| Blow in | No |
| Radial water blocking | False |
| Longitudinal water blocking | True |
| Cable metal free | True |
| With rodent protection | True |
| Circuit integrity | NoNono |

Mechanical characteristics

| | |
|---------------------------|-----------|
| Crush resistance | 1500 N/dm |
| Longitudinally watertight | 3/24 m/h |

DATASHEET

U-DQ(ZN)BH 50/125 μ OM3 1750N

Cable construction

| | |
|--------------------|--|
| Fibre type | Multimode 50/125 |
| Fibre category | OM3 |
| Type of tube | Central loose tube |
| Tube \emptyset | Up to 12 fibers: 3.5 ; Up to 24 fibers: 4.0 mm |
| Fiber marking | Colour |
| Tube marking | Colour |
| With strain relief | True |
| Armouring | True |

Cable sheath

| | |
|------------------------|---------------------------|
| Material outer sheath | LSZH |
| Euro Class | Dca |
| Colour outer sheath | black |
| Flame retardant | According to EN 60332-1-2 |
| Halogen free | acc. EN 60754-1/2 |
| Low smoke | acc. to EN 61034-2 |
| Oil resistant | No |
| Resistant to chemicals | False |

Environmental conditions

| | |
|----------------------------------|-------------|
| Temperature Range (Operation) | -20 – 60 °C |
| Temperature Range (Storage) | -25 – 70 °C |
| Temperature Range (Installation) | -5 – 50 °C |

Transmission characteristics

| | |
|---|-------|
| Rayleigh Backscatter Coefficient 850nm | 1.483 |
| Rayleigh Backscatter Coefficient 1300nm | 1.478 |
| IL max. (dB/km) 850nm | 2.5 |
| IL max. (dB/km) 1300nm | 0.7 |

Standards, approvals, certifications

| | |
|------------------------|------------------------------|
| Harmonized standard | EN 50575 |
| Transmission standards | IEEE 802.3 10Mbit to 100Gbit |