

Podatkovni list izdelka: HSFUBH049T

# Optični univerzalni kabel A/I-DQ(ZN)BH 4x 9/125µm OS2, LS0H

Drum 2100m



## SCHRACK- Info

- For outdoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. Support of all computer network applications, e.g. FDDI, Gigabit Ethernet and ATM.
- Suitable for direct burial.
- Easy to install in ducts, tunnels and trenches.

### FEATURES AND BENEFITS

- Non-metallic rodent protection.
- Predicted lifetime > 30 years.



## Tehnični podatki

|                              |                 |
|------------------------------|-----------------|
| Število vlaken               | 4               |
| Neto premer (mm)             | 5,80            |
| Diameter - Central tube (mm) | 3,30            |
| Primary coating (µm)         | 250 ± 15        |
| Neto teža (kg)               | 0,04            |
| Primerno                     | Universal cable |

## Tehnični podatki - Nadaljevanje

|                                                    |                           |
|----------------------------------------------------|---------------------------|
| Vodotesnost                                        | Da                        |
| Zaščita pred glodalci                              | Da                        |
| Predvidena življenjska doba                        | > 30 let                  |
| Klasifikacija glede na EN50575                     | Dca                       |
| Razvoj/gostota dima                                | s2                        |
| Razvoj vnetljivih kapljic                          | d1                        |
| Razvoj kislin                                      | a1                        |
| Temperaturno območje - transport/skladiščenje (°C) | -30 do +70                |
| Temperaturno območje - montaža (°C)                | -5 do +50                 |
| Temperaturno območje - delovanje (°C)              | -30 do +70                |
| Pulling tension - Long term (N)                    | 420                       |
| Pulling tension - Short term (N)                   | 1250                      |
| Bending radii cable - Static (Ø)                   | 10 x Ø                    |
| Bending radii cable - Dynamic (Ø)                  | 20 x Ø                    |
| Bending radii for fibres and tubes (Ø)             | > 25                      |
| Mode-Field / Cladding diameter (µm)                | 9,2 ± 0,4   125 ± 0,7     |
| Wavelength (nm)                                    | 1310   1383   1550   1625 |
| Attenuation (dB/km)                                | 0,34   0,31   0,21   0,24 |
| Dispersion (ps/nm-km)                              | ≤ 3,5   ≤ 18              |
| Ethernet performance 1GB (m)                       | > 5000   -   >70000   -   |
| Ethernet performance 10GB (m)                      | > 10000   -   > 40000   - |
| PMD (ps/km)                                        | ≤ 0,2                     |
| Cable Cutt-off-Wavelength (nm)                     | ≤ 1260                    |
| Refractive Index                                   | 1,467   -   1,467   1,467 |

## GUIDE TO INSTALLATION AND HANDLING

- When laying and installing optical fibre cables it is vitally important not to exceed the specified values set for pulling tension, bending radii and temperature. The installation methods have to be in accordance with the common standards.
- To ease insertion into tubes by means of compressed air or pulling wire, certified lubricants (e.g. paraffin) may be used.
- The use of soap or similar substances as lubricants is strictly prohibited.
- If a cable needs to be fastened, constrictions > 0.3 mm must be prevented.
- The jelly filling inside the tubes can be removed using a tissue soaked in turpentine.
- It is advisable to cap the cable-ends during storage.

## Tabela izdelkov

| Opis                                                                      | Šifra      |
|---------------------------------------------------------------------------|------------|
| Optični univerzalni kabel A/I-DQ(ZN)BH 4x 9/125µm OS2, LS0H<br>Drum 2100m | HSFUBH049T |
| <b>Dodatna oprema</b>                                                     |            |
| Optični delilnik, 4 vlakna, LC, 9/125µm OS2, izvlač., 19", 1HE            | HSELS049LG |
| Optični delilnik, 4 vlakna, SC, 9/125µm OS2, izvlač., 19", 1HE            | HSELS049CG |
| Optični delilnik, 4 vlakna, FC, 9/125µm OS2, izvlač., 19", 1HE            | HSELS049FG |