DIGITUS® A/I-DQ (ZN) BH 9/125µ OS2 Indoor/Outdoor Installation Cable, 24 Fibers, Construction PVO Dca, LSZH

DK-39242-U

EAN 4016032452270



FO A-I-DQ(ZN)BH 24E9/125µ, SM, OS2, 24 fibers Indoor/Outdoor, LSZH, Dca, black, length 1 m

The multi-bundle cable offers a design that combines high tensile strength and flexibility in a compact cable size. Our central bundle connector provides data transmission via optical fiber and delivers excellent technical performance. Through our regular quality control programs in accordance with ISO 90001, REACH, and RoHS, we ensure a high level of quality. Through thorough qualification testing of every product in our portfolio, we guarantee high reliability. Both quality procedures are designed to ensure the durability of our cables in both indoor and outdoor environments, as well as their performance.

Future-oriented standards and high-end quality for your network.

- LSZH – low smoke, zero halogen
- UV-resistant
- Resistant to longitudinal and transverse water flow
- Glass Fiber Reinforcement
- Non-metallic rodent protection
- Metal-free
- Attenuation at 1310 nm: ⊠ 0.34 dB/km (before cabling); ⊠ 0.36 dB/km (after cabling)
- Attenuation at 1550 nm: ⊠ max. 0.21 dB/km (before cabling); ⊠ max. 0.22 dB/km (after cabling)
- Attenuation at 1625 nm: ⊠ max. 0.23 dB/km (before cabling); ⊠ max. 0.25 dB/km (after cabling)
- Dispersion zero: 1302–1324 nm
- Dispersion slope: ⊠ 0.092 ps/nm²km
- PMD link value (M=20 cables, Q=0.01%) max. PMDQ: 0.2 ps/⊠km
- Cutoff wavelength (⊠cc): ⊠ 1260 nm
- Macro bending loss (100 rotations; ⊠50 nm) at 1550 nm: ⊠ 0.05 dB
- Macro bending loss (100 rotations; ⊠50 nm) at 1625 nm: ⊠ 0.10 dB
- Mode field diameter at 1310 nm: 9.2 ± 0.4 µm
- Coating diameter: 125 ± 1 µm
- Core-shell concentricity error: ⊠ 0.6 µm
- Case out-of-roundness: ⊠ 1.0%
- Yield strength: ⊠ 0.69 GPa
- Number of fibers (OS2 G.652): 2–72
- Max. number of bundle feeders: 6
- Number of fibers per bundle: 12
- Bundle diameter: 2.3 ± 0.2 mm
- Strength-bearing material: FRP
- Outer sheath: Material: LSZH, BauPVO Dca, EN 50575: 2014+ A1: 2016; Thickness: 1.6 mm; Diameter: 12.0 ± 0.5 mm
- Maximum allowable load: 1,500 N
- Compressive strength: 1000/300 N/100 mm
- Cable weight: 300 ± 10% kg/km
- Standard length: 4 ± 5% KMS
- Temperature range: Transport and storage: -40°C to +70°C; Installation: -40°C to +60°C; During operation: -40°C to +70°C

Attributes

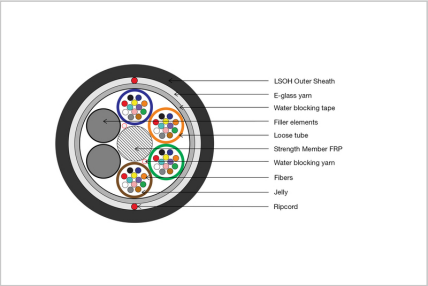
- Application: universal
- Cable jacket: LSOH
- Cable type: U-DQ (ZN) BH X E 9/125µm
- Color cable: black
- Fiber class: OS2
- Fiber diameter: 9/125µ
- Mode: Singlemode
- Number of fibers: 24

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	2000	120.00	65.00	65.00	43.00	181.68
Packaging Unit Inside	1	0.06	118.00	73.00	118.00	1,016,450.00
Packaging Unit Single	1	0.06	118.00	73.00	118.00	1,016,450.00
Net single without Packaging	0	0.06	72.00	50.00	115.00	414.00

Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

More images:



Safety notes

- Avoid direct contact with light sources: Fiber optic cables, especially those with active light sources such as lasers (e.g. in optical communication systems), can emit dangerous radiation that can damage
- eyes. Take care never to look directly into the light of an optical fiber, even if the light source is invisible to the naked eye.
- When working with fiber optic cables, especially during tests or when working with lasers, protective goggles should always be worn to protect against harmful radiation.
- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Do not kink or crush: Fiber optic cables are sensitive to mechanical stress.
- To protect cables from physical damage, they should be laid in special ducts or with protective materials
- Keep cable connectors clean: Fiber optic cables are sensitive to dust and dirt. Even small particles on the connectors can severely impair the signal quality.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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