# DIGITUS® Pre-assembled fiber optic universal breakout cable, singlemode OS2, 12 fibers, LC/UPC - LC/UPC

**DK-2A33CU100BK-BBB**

**EAN 4016032484097**



**Breakout cable 12 Fibers, SM G.657.A1 LC/UPC-LC/UPC, universal, color black, 100m**

This pre-terminated breakout fiber optic cable is ideal for installations that require an extremely robust and reliable fiber optic cable design where maximum mechanical protection is required. It offers a secure plug & play solution for installations through the pre-terminated connectors. It is easy to install on partially assembled patch panels, for example. The supplied measurement protocol eliminates the need for time-consuming follow-up checks.

**Pre-assembled fiber optic breakout cables enable simple, time-saving and flexible installation of high-bandwidth network links.**

- Cable type : Breakout/ universal cable (I/A-DQ (ZN) BH X E 9/125µm)
- Outer cable diameter: 6.0 mm
- Fiber category : Singlemode
- Fiber type : OS2 G.657.A1 9/125
- Number of cores : 12
- Length : 100
- Plug connection 1 : LC/UPC
- Plug connection 2 : LC/UPC
- Sheath material : Dca
- Color outer jacket : Black
- Halogen-free (according to EN 50267-2-3) : Yes
- IL for multimode: max. 0.3dB
- IL for singlemode: max.0.3dB
- RL for multimode: min. 30dB
- RL for singlemode: min. 50dB
- Outer diameter of the black protective tube: 30.5 mm
- Storage temperature: -20~70
- Protection tube: 28.5 mm
- Operating temperature: -20~70
- Pull-in aid on both sides
- Outer diameter of the ring band: 35 mm

**Attributes**

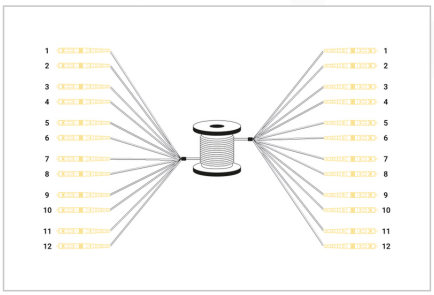
- Application: universal
- Boot: single-color
- Cable jacket: LSOH
- Cable type: U-DQ (ZN) BH X E 9/125µm
- Color cable: black
- Connector 1: LC
- Connector 2: LC
- Fiber class: OS2
- Fiber diameter: 9/125µ
- Mode: Singlemode
- Number of connectors side 1: 1
- Number of connectors side 2: 1
- Number of fibers: 12
- Polishing: UPC
- Length: 100 m

**Logistics**

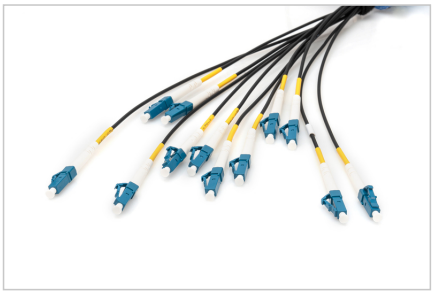
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
|---|---|---|---|---|---|---|
| **Packaging Unit Carton** | 2 | 10.28 | 46.00 | 46.00 | 28.00 | 59.25 |
| **Packaging Unit Inside** | 1 | 5.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Packaging Unit Single** | 1 | 5.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Net single without Packaging** | 0 | 5.14 | 42.00 | 42.00 | 10.00 | 17.64 |


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**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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