

**MAUNT**

**M00001151**

**DAC cable indoor outdoor, D-DAC, LSZH, CPR Dca, 2-fiber, SM,  
G.657A1, 250um, 6.1mm, turquoise (ODF)**



### **Description**

A DAC cable is mostly used to connect a home within an FTTH network. It provides the connection between a DP (Distribution Point) in the street and the FTU (Fiber Termination Unit) in the home. This DAC cable is used in high-rise buildings, where the cable is installed both outdoors and indoors.

**Optical specifications**

|                                |                |
|--------------------------------|----------------|
| Fiber type                     | ITU-T G.657 A1 |
| Number of fibers               | 2              |
| Primary coating outer diameter | 250µm          |
| Cladding diameter              | 125 ± 0.7 µm   |
| Coating diameter               | 242 ± 5 µm     |
| Mode field diameter (1310nm)   | 8.8 ± 0.4 µm   |
| Mode field diameter (1550nm)   | 10 ± 0.5 µm    |
| Attenuation per km (1310nm)    | 0.33dB         |
| Attenuation per km (1550nm)    | 0.20dB         |
| Attenuation per km (1625nm)    | 0.22dB         |

**Physical specifications**

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Outer sheath material | Polypropylene/polyethylene, UV-resistant, LSZH          |
| Fiber colors          | blue, green                                             |
| Number of loose tubes | 1                                                       |
| Loose tube color      | white                                                   |
| Loose tube filling    | dry (absorbent material/yarn against water penetration) |
| Outer sheath diameter | 6.1mm ±0.3mm                                            |
| Outer sheath color    | Turquoise                                               |

**Mechanical specifications**

|                                 |          |
|---------------------------------|----------|
| Maximum tensile force           | 500N     |
| Maximum crush resistance        | 1200N/dm |
| Bend radius during installation | 15D      |
| Bend radius after installation  | 10D      |

**Environmental specifications**

|                                   |                |
|-----------------------------------|----------------|
| Transport and storage temperature | -30°C to +70°C |
| Installation temperature          | -20°C to +50°C |
| Operating temperature             | -30°C to +70°C |

**Classification codes and standards**

|                   |           |
|-------------------|-----------|
| Fire safety (CPR) | Dca, LSZH |
|-------------------|-----------|