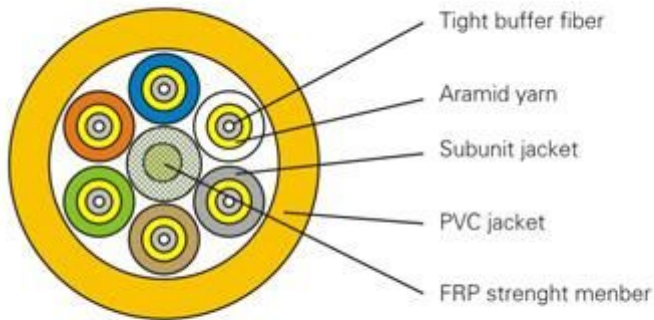


Multi Purpose Break-Out Cable



Note: The units have sequential numbering printed on the surface for identification.



·Description

02~12 fiber, Stranded structure, FRP strength member, 1-fiber subunit ($\Phi 900\mu\text{m}$ Tight buffer, Aramid yarn), PVC Jacket.

·Standards

· Comply with Standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC794, etc; and meet the requirements of UL approval for OFNR.

·Cable Code

Necero Optical Fiber And Cable (China) Co., LTD.

| | BOC-02 | BOC-04 | BOC-06 | BOC-08 | BOC-10 | BOC-12 |
|----------------------|----------|---------|---------|---------|----------|----------|
| Cable Diameter (mm) | 7.2±0.5 | 7.2±0.5 | 8.3±0.5 | 9.4±0.5 | 10.7±0.5 | 12.2±0.5 |
| Cable Weight (kg/km) | 45 | 45.2 | 62.5 | 85.9 | 109 | 140 |
| TBF Diameter | 900±50μm | | | | | |

·Mechanical Characteristics

| | | |
|------------------|------------|------------------------|
| Tensile Strength | Long term | 200N |
| | Short term | 660N |
| Crush Resistance | Long term | 300N/100mm |
| | Short term | 1000N/100mm |
| Bending Radius | Dynamic | 20×D (Cable Diameter) |
| | Static | 10×D (Cable Diameter) |

·Optical Characteristics

| | | 50/125μm | 62.5/125μm | G.652 | G.655 |
|---|---------|-------------------|-------------------|------------|------------|
| Attenuation(+20 °C) | @850nm | ≤3.5dB/km | ≤3.5dB/km | | |
| | @1300nm | ≤1.5dB/km | ≤1.5dB/km | | |
| | @1310nm | | | ≤0.45dB/km | ≤0.50dB/km |
| | @1550nm | | | ≤0.30dB/km | ≤0.50dB/km |
| Bandwidth (Class A) | @850nm | ≥500MHz·km | ≥200MHz·km | | |
| | @1300nm | ≥1000MHz·km | ≥600MHz·km | | |
| Numerical Aperture | | 0.200±0.015 NA | 0.275±0.015 NA | | |
| Cable Cut-off Wavelength λ _{cc} | | | | ≤1260nm | ≤1480nm |
| Attenuation at temperature cycling Δα(-20°C~+85 °C) | @1300nm | ≤0.50dB/km | ≤0.50dB/km | | |
| | @1550nm | | | ≤0.20dB/km | ≤0.20dB/km |

·Environmental Characteristics

| | |
|--------------------------|-------------|
| Transport Temperature | -20°C~+60°C |
| Storage Temperature | -20°C~+60°C |
| Installation Temperature | -5°C~+50°C |
| Operating Temperature | -20°C~+60°C |