

# BWM011-x

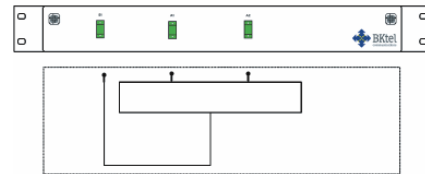
## OPTICAL MULTIPLEXER BWM

### Application

- ▶ Multiplexing or demultiplexing of optical signals in
  - CATV networks,
  - MANs or
  - LANs

### Features

- ▶ Thin-film technology (Grade A and B)
- ▶ Fused singlemode fiber (Grade C)
- ▶ High isolation
- ▶ Low insertion loss
- ▶ Epoxy-free optical path
- ▶ Available in:
  - compact housing with pigtailed BWM011-x
  - 19" - 1 HU housing with adaptors BWM011-x -H
  - 19" - 3 HU plug-in unit with adaptors BWM011-x -V
- ▶ FC/APC, SC/APC or E2000 connectors



| Types                       |      | BWM011-A   | BWM011-B   | BWM011-C   |
|-----------------------------|------|------------|------------|------------|
| Typical Performance Data    | Unit |            |            |            |
| Operating wavelength        | [nm] | 1310/1550  | 1310/1550  | 1310/1550  |
| Operation bandwidth         | [nm] | ± 50       | ± 30       | ± 20       |
| Insertion loss *)           | [dB] | 0.8        | 0.8        | 0.6        |
| Optical isolation           | [dB] | 45         | 45         | 15         |
| Directivity                 | [dB] | 65         | 60         | 55         |
| Polarization dependent loss | [dB] | 0.2        | 0.2        | 0.15       |
| Return loss                 | [dB] | 45         | 45         | 45         |
| Operating temperature       | [°C] | -20 to +70 | -40 to +80 | -40 to +85 |

\*) excluding connector loss

Specifications subject to change without notice - DBE\_BWM011-x\_271106