

# BODnn C-Kxx

## Optical CWDM Multiplexer



### Applications

- Multiplexing or de-multiplexing of optical signals in:
  - CATV networks
  - MANs
  - LANs

### Features

- Thin-film technology
- High isolation
- Low insertion loss
- Epoxy-free optical path
- Available in
  - compact housing with pigtails            BODnn C-Kxx
  - 19" - 1HU, housing with adaptors        BODnn C-Kxx-H
  - 19" - 3HU, plug-in unit with adaptors BODnn C-Kxx-V
- FC/APC, SC/APC or E20000 connectors

### Technical specifications

Variation		BOD04 C-Kxx	BOD08 C-Kxx	
Typical Performance Data	Unit			Notes
Number of channels		4	8	
Central wavelength	[nm]	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610	
Start wavelength		Kxx	Kxx	
Passband	[nm]	12	12	
Passband flatness	[dB]	0.5	0.5	
Insertion loss *)	[dB]	2	3.5	
Optical Isolation adjacent channels	[dB]	30	30	
Optical isolation non adjacent channels	[dB]	50	50	
Return loss	[dB]	45	45	
Operating temperature	[°C]	0...65	0...65	
*) excluding connector loss				