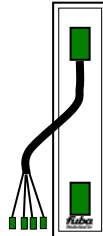
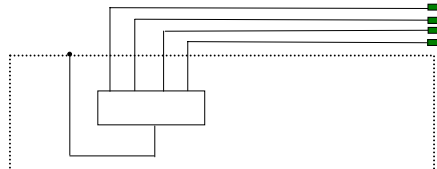
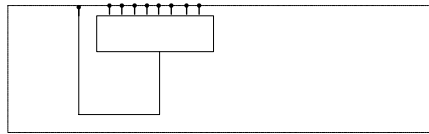


BK 600 Optical System

optical multiplexer/demultiplexer

Optical Multiplexer and Demultiplexer



Application

- Transmission of multiple optical signals via one optical fibre
- for downstream and upstream transmissions in HFC-networks

Features

- thin-film technology
- low insertion loss
- low reflections
- narrow filter bandwidths
- epoxy-free optical paths for high reliability
- 19" or BK housing

Model Number		BOD1620-K21	BOD0820-K21	BOD0420-K21	BOD0220-K21
Typical performance data					
Channel Number		ITU-Grid	ITU-Grid	ITU-Grid	ITU-Grid
Optical Wavelengths (in ITU Grid)	[nm]	1549.32 – 1560.61	1549.32 – 1560.61	1549.32 – 1560.61	1549.32 – 1560.61
Optical Channel Spacing	GHz	200	200	200	200
Pass band	[nm]	0,5	0,5	0,5	0,5
Insertion Loss	[dB]	5,0	3,0	1,6	1,0
Pass band Flatness	[dB]	0,5	0,5	0,5	0,5
Channel Uniformity	[dB]	1,5	1,5	1,5	1,5
Optical Isolation adjacent channels	[dB]	25	25	25	25
Optical Isolation non adjacent channels	[dB]	40	40	40	40
Attenuation due to polarisation	[dB]	0,1	0,1	0,1	0,1
Dispersion due to polarisation	[ps]	0,1	0,1	0,1	0,1
Optical Return Loss	[dB]	45	45	45	45
Optical Directivity	[dB]	60	60	60	60
Thermal stability	[dB/°C]	0,007	0,007	0,007	0,007
Thermal Wavelength Drift	[nm/°C]	0,0025	0,0025	0,0025	0,0025
Operating Temperature	[°C]	0 ... 65 °C	0 ... 65 °C	0 ... 65 °C	0 ... 65 °C
Optical Connector		any HRL type Connector	any HRL type Connector	any HRL type Connector	any HRL type Connector
Input		Connector	Connector	Connector	Connector
Outputs		Connector	Connector	Pigtail, 1m	Pigtail, 1m
Size in 19"	[HE]	1	1	1 or	1
Size in BK	[BE]			1	

note: all data excluding connectors