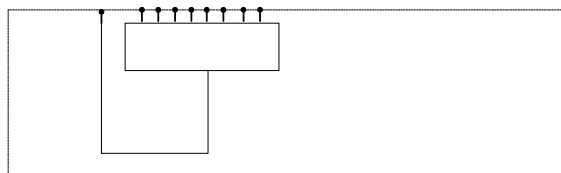


BK 600 Optical System

optical multiplexer/demultiplexer

8 Channel Optical Multiplexer and Demultiplexer



Application

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

Features

- low insertion loss
- low reflections
- narrow filter bandwidths
- epoxy-free optical paths for high reliability
- 19"-compatible housing

Model Number		BOM 820-K21	BOD 820-21
Typical performance data			
Channel Number		8	ITU-Grid
Optical Wavelengths (in ITU Grid)	[nm]	1549.32 – 1560.61	1549.32 – 1560.61
Optical Channel Spacing	GHz	200	200
Passband	[nm]	0,5	0,5
Insertion Loss	[dB]	3,6	3,6
Passband Flatness	[dB]	1,0	1,0
Channel Uniformity	[dB]	1,5	1,5
Optical Isolation adjacent channels	[dB]	N/A	25
Optical Isolation non adjacent channels	[dB]	N/A	40
Attenuation due to polarisation	[dB]	0,1	0,1
Dispersion due to polarisation	[ps]	0,1	0,1
Optical Return Loss	[dB]	40	40
Optical Directivity	[dB]	60	60
Thermal stability	[dB/°C]	0,007	0,007
Thermal Wavelength Drift	[nm/°C]	+0,0025	0,0025
Operating Temperature	[°C]	0 ... 65 °C	0 ... 65 °C
Optical Connector		any HRL type	any HRL type
Input		pig-tail	Connector
Outputs		Connector	pig-tail
Size in 19"	[HE]	1	1

ORDERING INFORMATION	Connectors	Ordering Number
Optical Multiplexer/Demultiplexer		
Version Fuba Nederland bv		
BOM 820	E 2000 / SC APC	BK-BOM 820
BOD 820	E 2000 / SC APC	BK-BOD 820