

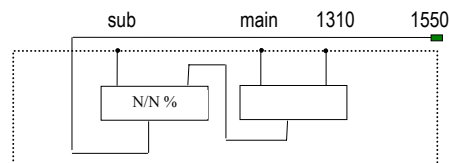
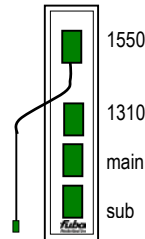
# BK 600 Optical System

## BWM 012, optical multiplexer/coupler

### APPLICATION

Multiplexing or Demultiplexing of optical signals in:

- CATV networks,
- Metropolitan Networks
- LANs



### FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- BK-housing
- FC/APC, SC/APC or E2000 connectors

MODEL NUMBER		<b>BWM 012-5 50/50</b>	<b>BWM 012-4 40/60</b>	<b>BWM 012-3 30/70</b>
TYPICAL PERFORMANCE DATA	UNIT			
Operating Wavelength	[nm]	1310/1550	1310/1550	1310/1550
Operation Bandwidth	[nm]	±15	±15	±15
Insertion Loss 1550 nm main max.	[dB]	4	5,1	6,5
Insertion Loss 1550 nm sub max.	[dB]	3,7	2,8	2,1
Insertion Loss 1310 nm	[dB]	0,3	0,3	0,3
Optical Isolation 1310/1550 nm	[dB]	27,7	26,8	26,1
Directivity	[dB]	50	50	50
Polarization Dependent Loss	[dB]	0.1	0.1	0.1
Return Loss	[dB]	45	45	45
Operating Temperature	[°C]	0 ... 65 °C	0 ... 65 °C	0 ... 65 °C
Input 1550 nm		pigtail, 1m	pigtail ,1m	pigtail, 1m
Input 1310 nm		connector	connector	connector
Output main		connector	connector	connector
Output sub		connector	connector	connector
note: all data excluding connector				