



1310/1550 nm WDM multiplexer  
with 900 μm buffered fibres



Two WDM multiplexers in MPP0-1 module

# WDM multiplexer

## Features:

- multiplexing/demultiplexing of two optical wavelengths
- transmission of two wavelength through a single optical fibre
- increases network wavelength capacity without installation of new cables
- available with 17 dB or 45 dB channel isolation grades
- the device is offered in MPP0-1 LGX compatible module

## Technical specifications:

WDM multiplexer		
operating wavelength range [nm]	1295-1325 and 1535-1565	
manufacturing technology	FBT	TFF
insertion loss [dB]	0,3	0,8
isolation [dB]	≥17	≥45
directivity [dB]	≥50	
PDL [dB]	≤0,1	
operating temperature [°C]	-40 ~ +85	
leads	250 μm fibre, 900 μm buffered fibre, 2 mm, 3 mm cables	
package dimensions	depend on the selected leads	

\* Parameters in the above table are specified for unterminated device.

## Ordering:

MPP0-1-2xWDM1x2/1310/1550/900/45/E2a - two WDM 1310/1550 nm multiplexers in MPP0-1 LGX compatible module, with six E2000/APC adapters, 45 dB isolation grade