



EWDM multiplexer with 900 µm buffered fibre leads



Two EWDM multiplexers in MPP0-1 module



Nine EWDM multiplexers in 19 inch patch panel

# EWDM edge multiplexer

## Features:

- operating wavelength ranges: 1260 nm - 1360 nm, 1460 nm - 1620 nm
- used to add 8 CWDM channels to existing transmission systems utilising 1310 nm wavelength
- available in MPP0-1 LGX compatible modules

## Technical specifications:

EWDM edge multiplexer		
operating wavelength range [nm]		1260 - 1360
		1460 - 1620
type 1 [nm]	pass band λ1	1260 - 1360
	reflected band λ2	1460 - 1620
type 2 [nm]	pass band λ1	1460 - 1620
	reflected band λ2	1260 - 1360
insertion loss [dB]	pass band λ1	<1,0
	reflected band λ2	<1,0
channel isolation [dB]	reflected band λ2	>40
	pass band λ1	>20
channel uniformity [dB]	pass band λ1	<0,5
	reflected band λ2	<0,5
PDL [dB]		<0,2
directivity [dB]		<50
return loss [dB]		>45
maximum optical power [mW]		<300
operating temperature range [°C]		0 ~ +70

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

## Ordering:

MPP0-1-2xEWDM1x2/1260-1360/1460-1620/900/SCA - two multiplexers EWDM in MMPO-1 housing, compliant with LGX standard, equipped with 6 adapters SC/APC  
EWDM1x2/1260-1360/1460-1620/900 - EWDM multiplexer, 900 µm buffered fibre leads, 1 m long