

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 MPPPO-1 LGX compatible modules

TECHNICAL SPECIFICATIONS:

EWDM EDGE MULTIPLEXER		
operating wavelength range [nm]		1260 – 1360
		1460 – 1620
type 1 [nm]	pass band λ_1	1260 – 1360
	reflected band λ_2	1460 – 1620
type 2 [nm]	pass band λ_1	1460 – 1620
	reflected band λ_2	1260 – 1360
insertion loss [dB]	pass band λ_1	<1,0
	reflected band λ_2	<1,0
channel isolation [dB]	reflected band λ_2	>40
	pass band λ_1	>20
channel uniformity [dB]	pass band λ_1	<0,5
	reflected band λ_2	<0,5
PDL [dB]		<0,2
directivity [dB]		<50
return loss [dB]		>45
maximum optical power [mW]		<300
operating temperature range [°C]		0 ~ +70

NOTE: parameters in the above table are specified for unterminated device.

ORDERING:

MPPPO-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

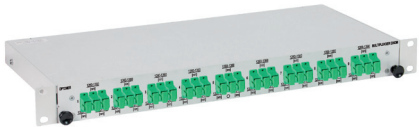
EWDM1x2/1260 – 1360/1460 – 1620/900 – EWDM multiplexer, 900 μ m buffered fibre leads, 1 m long



EWDM Multiplexer
with 900 μ m buffered fibre leads



Two EWDM multiplexers
in MPPPO-1 module



Nine EWDM multiplexers
in 19 inch patch panel