



Nine FWDM multiplexers
in 19 inch patch panel

FWDM multiplexer

Features:

- two optical wavelengths multiplexer/demultiplexer
- 1550 nm wavelength add/drop function
- used in CATV optical networks
- offered in MPPO-1 LGX compatible modules

Technical specifications:

FWDM multiplexer		
pass band [nm]		1550-1560
reflected band[nm]		1260~1360 and 1480~1500
insertion loss [dB]	common - pass	≤1,0
	common - reflected	≤1,0
isolation [dB]	common - pass λ	≥40
	common - reflected λ	≥30
return loss [dB]		≥50
directivity [dB]		≥50
PDL [dB]		≤0,2
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:

MPPO-1-2XFWDM1X2/1310/1490/1550/900/SCA - two FWDM multiplexers in fulfilling LGX standard
MPPO-1 closure, with six SC/APC adapters
WDM1x2/1310/1490/1550/900 - FWDM multiplexer with one meter of 900 μm fibre endings