

PowerSpectrum™

DMR-1030-10-25 (+D0.42+0)-P1

Item #ED57618

Optical Parameters

Center Wavelength (λ_0) ⁽¹⁾	Slow Axis	1030	nm
Tolerance on Center Wavelength	+/-	3	nm
Peak Reflectivity	>	25	%
Reflection Bandwidth at -3 dB (FWHM)		10	nm
Tolerance on Reflection Bandwidth	+/-	1	nm
D ₂ ⁽³⁾		0.42	ps/nm
D ₃ ⁽³⁾		0	ps/nm ²
Spectral Shape		Gaussian	
Wavelength Referenced to		Air	

Mechanical Parameters

Pigtail Length (On Each Side)	≥	1	m
Connectors Types		No Connectors	
Proof Test (Final Product)	≥	50	kpsi
Recoat Type		UV Cured Acrylate	

Fiber Parameters

Fiber Type		PM980	
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(1): Room temperature (20-23°C)

(2): Short wavelengths reflected first

(3): The group delay function of the device is: $GD = D_1 + D_2 * (\lambda - \lambda_0) + D_3 * (\lambda - \lambda_0)^2 + D_4 * (\lambda - \lambda_0)^3$

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