



Coating Service

Revision	preliminary
Date:	March 14, 2013
Product Description	C-band 50GHz DWDM filter

Revision History				
Revision #	Log#	Date	Author	Change Notes
preliminary	tbd	03/14/13	Edmund Lin/Max Yang	Initial Release

1. Specifications

Parameters		Unit	Specifications
AOI	-	°	0 or 1.8 or Specified
Center Wavelength (λ_c)		nm	ITU
Center Wavelength Tolerance		nm	0 ~ +0.1
-0.5dB Bandwidth	Min	nm	0.16
-25dB Bandwidth	Max	nm	0.60
Ripple within Passband	Max	dB	0.5
Reflection Isolation within the Passband	Min	dB	12
Insertion Loss within Passband	Max	dB	1.0
Backside AR	Max	%	0.2
Operating Temperature		°C	-5 ~ 70
Storage Temperature		°C	-40 ~ 85
Temperature Dependent Wavelength Shift	Max	pm/C	0.5
Polarization Dependent Loss	Max	dB	0.1
Filter Size	-	mm ²	1.8 x 1.8 (+/-0.1) or Specified
Thickness		mm	1.8 +/- 0.1 or Specified
Chipping		mm	< 0.1
Surface Quality (S/D)			60/40