

NECSEL™ COLLIMATION LENS

Specifications Document



Date: March 9, 2015

Version: 1.0a

1. Introduction

These specifications are for the Necsel Fiber Collimation Lens, which contains a fixed 10mm diameter lens in a stainless steel fiber coupled package. This AR-coated aspheric collimation optic can be used to collimate the light exiting from a standard SMA-905 connector. To help with system integration, the output end has a 0.5 pitch 12mm thread.

ITEM	PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT
1	Design Wavelength	λ	-	543	-	nm
2	AR Coating	λ	350	-	700	nm
3	Lens Diameter	-	-	10	-	mm
4	Focal Length	f	-	7.86	-	mm
5	Numerical Aperture	NA	-	0.51	-	-
6	Weight	-	-	3.5	-	gr

2. Mechanical Specifications

