



2 μm EPOXY RING
SMALL SCRATCH 2 μm WIDE, LESS
THAN 3 ACCEPTABLE
FIBER EDGE NO DAMAGE
NO PROTRUSIONS

2PIT: 1um, OUTSIDE OF
NO DEFECT ZONE
25um; 2um OUTSIDE OF NO
DEFECT ZONE
DEFECTS NOT MORE THAN 3

NO DIAMETER MORE THAN 10 μm
PIT OR DEBRIS
DIAMETER LESS THAN 10 μm PIT
OR DEBRIS UNLESS ACCESS TO
FIBER EDGE, LESS THAN 3
ACCEPTABLE
NO PROTRUSIONS
IN THE FERRULE CONTACT ZONE

(SM) FIBER END-FACE STANDARD

SPECIFICATIONS:				LENGTH TOLERANCE:							
Type	Multi-Mode	Single Mode	LENGTH (L)	TOLERANCE		 	Designed By	JUNE.L	2015.02.03	DESC.	DS2 SC-SC
Insertion Loss	$\leq 0.5\text{dB}$	$\leq 0.2\text{dB}$	$< 1\text{M}$	$+50\text{mm}/-0$			Tolerances unless otherwise specified:	Checked By			DRG. No.
Return Loss	$\geq 20\text{dB}$	$\geq 55\text{dB}$	$\geq 1\text{M} < 10\text{M}$	$+100\text{mm}/-0$			Approved By				
Test Wavelength	850nm	1310nm	$\geq 10\text{M} < 30\text{M}$	$+150\text{mm}/-0$			Scale				
			$\geq 30\text{M}$	$+1\%/-0$		Version	2.0	sheet 1 of 1			