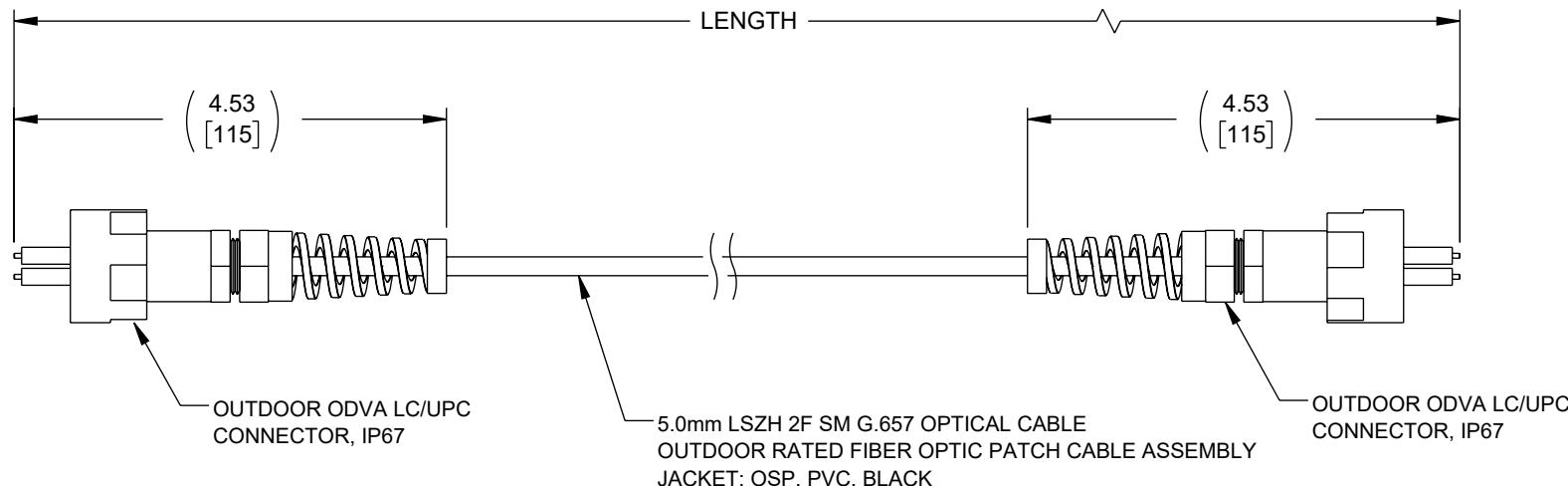


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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-12395	08/25/2023	DMAY	PHOSODAR



### Performance Characteristics

Wavelength 1310 & 1550nm	Typical		Units
Insertion Loss	≤0.3		dB
Return Loss	≥50.0		dB
Repeatability	≤0.2		dB
Interchangeability	≤0.2		dB
Durability	800	1000	cycles

PART NUMBER	LENGTH METERS [FEET]
FOA1OOD8-001M	1.0 [3.28]
FOA1OOD8-002M	2.0 [6.56]
FOA1OOD8-005M	5.0 [16.40]
FOA1OOD8-010M	10.0 [32.80]
FOA1OOD8-012M	12.0 [39.37]

### Environmental Characteristics

	Minimum	Maximum	Units
Storage Temperature	-40	85	degrees celcius
Operating Temperature	-40	75	degrees celcius
Bend Radius (BIXS)		15	mm
Radius of Curvature	7	25	mm
Apex Offset	0	50	um
Fiber Height	Fn (ROC)	100	nm
Angle	-0.2	0.2	degrees

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES [mm]

OVERALL CABLE LENGTH TOLERANCE:  
≤12 [305] = +1 [25] / -0  
>12 [305] ≤60 [1524] = +2 [51] / -0  
>60 [1524] ≤120 [3048] = +4 [102] / -0  
>120 [3048] ≤300 [7620] = +6 [152] / -0  
>300 [7620] = +5% / -0

ALL OTHER DIMENSIONAL TOLERANCES:

.X = ± .2 [5] .XX = ± .02 [5] .XXX = ± .005 [1.3]

FRACTIONS  
± 1/32  
ANGLES ± 1°

THIRD-ANGLE PROJECTION  
⊕

COLOR VARIATIONS  
MAY OCCUR

SIZE  
A

CAGE CODE  
43321

ITEM NO.  
FOA1OOD8

REV.  
B

SCALE: NONE CAD FILE: FOA1OOD8.SLDDRW

SHEET 1 OF 1



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1.978.682.6936

CATEGORY  
FIBER OPTIC

PRODUCT DESCRIPTION  
OUTDOOR RATED SM ODVA LC/UPC TO ODVA  
LC/UPC, OSP JACKET CABLE ASSEMBLY