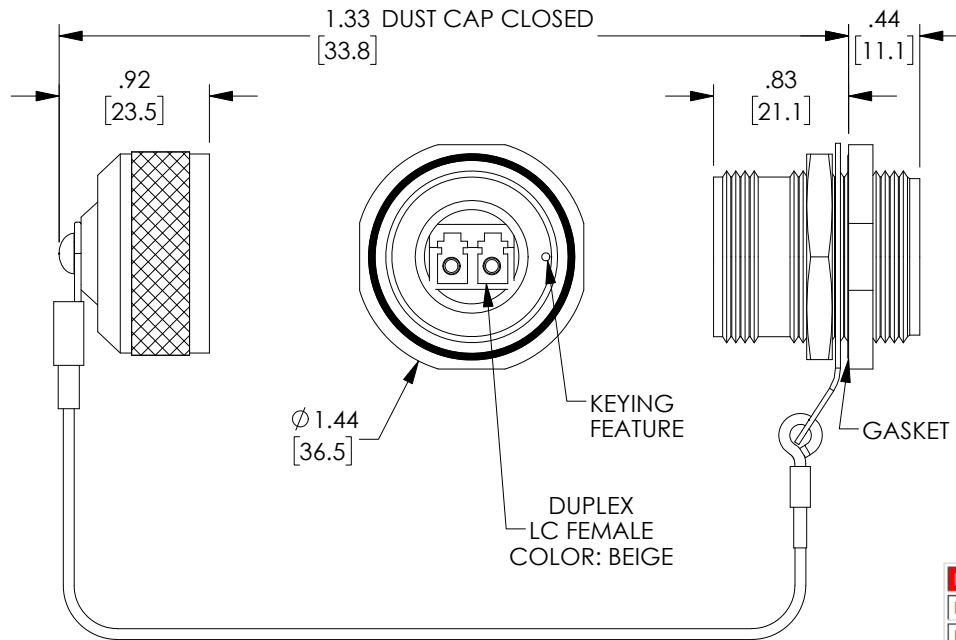


# PROPRIETARY NOTICE

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## NOTES:

### 1. MATERIAL:

EXTERNAL PARTS: ALUMINUM/BLACK ANODIZE  
ADAPTER HOUSING: THERMOPLASTIC  
MISC. HARDWARE: STAINLESS STEEL  
SEALS: SILICONE / NITRILE  
LANYARD: STAINLESS STEEL (NYLON COAT)

### 2. RATING: IP-68 WHEN MATED OR CAPPED PROPERLY

### 3. APPLICATION: MULTIMODE

### 4. ALL DIMENSIONS ARE FOR REFERENCE ONLY.

### 5. COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH MILESTEK SPECIFICATION PS-0054

**REGULATORY COMPLIANCE:**  
CE2011/65/EU(RoHS DIRECTIVE)

REV	REVISIONS		DATE	APPROVED
	DESCRIPTION			
A	REV A DRAWING RELEASED		06/11/18	B.PUCHASKI

Parameter	Specification	Performance
Insertion Loss (IL) (UPC)	EIA/TIA-455-171	0.25dB - Typical; 0.50dB - Maximum
Return Loss (RL) (UPC)	EIA/TIA-455-107A	Minimum 0.50dB
Operational Temperature	EIA/TIA-455-5C	-40°C to +85°C
Storage Temperature	EIA/TIA-455-5C	-40°C to +85°C
Temperature Humidity Cycling	EIA/TIA-455-5C	-40°C to +71°C at 95% RH, 240 hrs.
Dust Test	IEC 60529 IP68	8 hrs dust exposure with 20 mbar
Water Submersion	IEC 60529 IP68	48 hrs. immersion/1 meter water
Cable Retention <sup>1</sup>	EIA/TIA-455-6	400 lbs. for 10 minutes
Mating Durability	EIA/TIA-455-21	500 cycles
Impact	EIA/TIA-455-2C	8 drops, 2.4 meters
Vibration	EIA/TIA-455-11	10-55Hz, 2 hr/axis, 3 axis
Mechanical Shock	EIA/TIA-455-14A	Condition C, 5 shocks/axis
Crush	EIA/TIA-455-26A	450 lbs.

## NON CONTROLLED DRAWING IF PRINTED

CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY											
<div>DASH</div> <div>NEXT ASSY</div> <div>USED ON</div>			UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		SIGNATURE		DATE		<div><div>MilesTek</div><div>Military / Aerospace / Communications / Industrial</div></div> <div>MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 484-9400 FAX: (940) 566-1047</div>		
			OVERALL CABLE LENGTH TOLERANCE:		DRAWN BY: B.PUCHASKI		06/07/18				
			ALL OTHER DIMENSIONAL TOLERANCES:		CHECKED BY: J.LABOY		06/07/18				
			APPLICATION		APPROVED ENGINEERING: D.GUITTAUDAURO		06/07/18				
			ALL OTHER DIMENSIONAL TOLERANCES: X = ± .2 [5.08] XX = ± .02 [5.1] XXX = ±.005 [1.3]		APPROVED MANUFACTURING:		TITLE		LC IP68 RCPT JAM NUT MM DCAP		
			CUSTOMER REFERENCE DOCUMENT:		CUSTOMER APPROVAL		SIZE				
			CAGE CODE: 42977		A		DRAWING NUMBER:				
							FYC00012				
							SCALE: NTS		SHEET 1 OF 1		