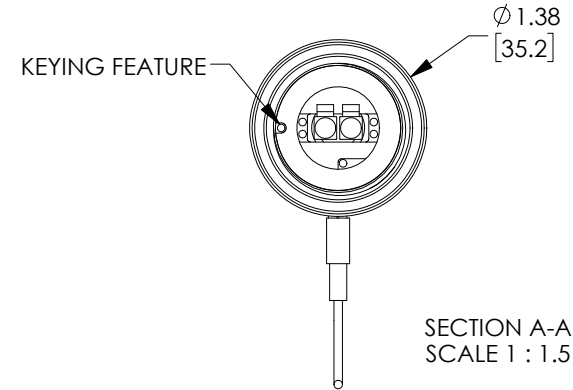
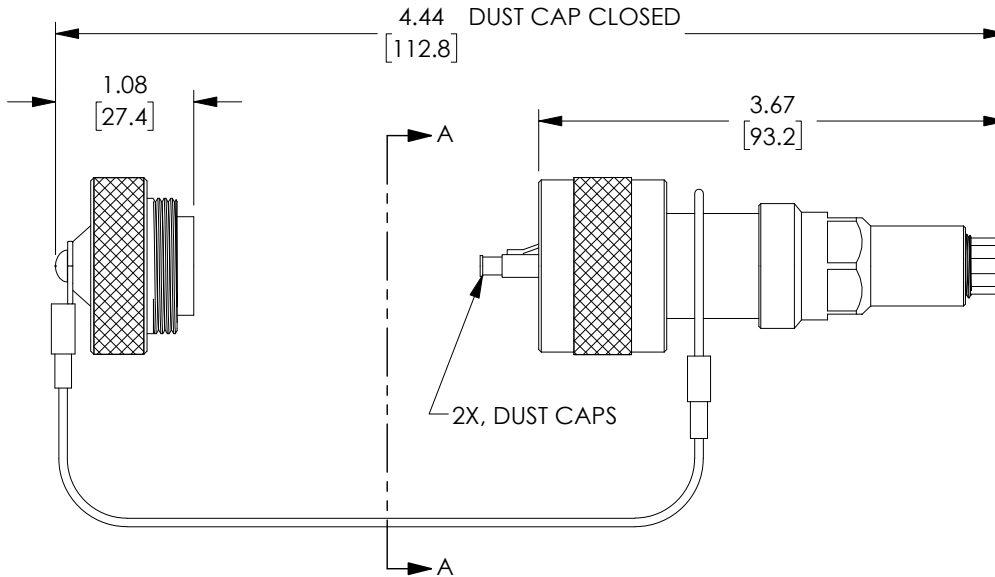


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/11/18	D.FRISIELLO



MODEL NUMBER	LC TYPE
FYB00010	(2) SINGLEMODE, BLUE

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 ¹	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.

NOTES:

- MATERIAL:**
 EXTERNAL PARTS: ALUMINUM/BLACK ANODIZE
 ADAPTER HOUSING: THERMOPLASTIC
 MISC. HARDWARE: STAINLESS STEEL
 SEALS: SILICONE / NITRILE
 LANYARD: STAINLESS STEEL (NYLON COAT)
- RATING:** IP-68, WHEN MATED OR CAPPED PROPERLY.
- ALL DIMENSIONS ARE FOR REFERENCE ONLY.**
- COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH MILESTEK SPECIFICATION PS-0054.**

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

NON CONTROLLED DRAWING IF PRINTED

CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY					
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		SIGNATURE	DATE	MilesTek Military Aerospace Communications Healthcare	
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%		D. FRISIELLO	5/25/18	MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 484-9400 FAX: (940) 564-1047	
ALL OTHER DIMENSIONAL TOLERANCES: $X = \pm 2$ [5.08] $XX = \pm .02$ [51] $XXX = \pm 0.005$ [13]		CHECKED BY:	APPROVED ENGINEERING:	TITLE	
CUSTOMER REFERENCE DOCUMENT:		D. GUITADAURO	6/11/18	MT IP68 DPLX PLUG SM DCAP	
DASH NEXT ASSY USED ON APPLICATION		APPROVED MANUFACTURING:	CUSTOMER APPROVAL	DRAWING NUMBER: FYB00010	
CAGE CODE: 42977		SCALE: NTS		SHEET 1 OF 1	