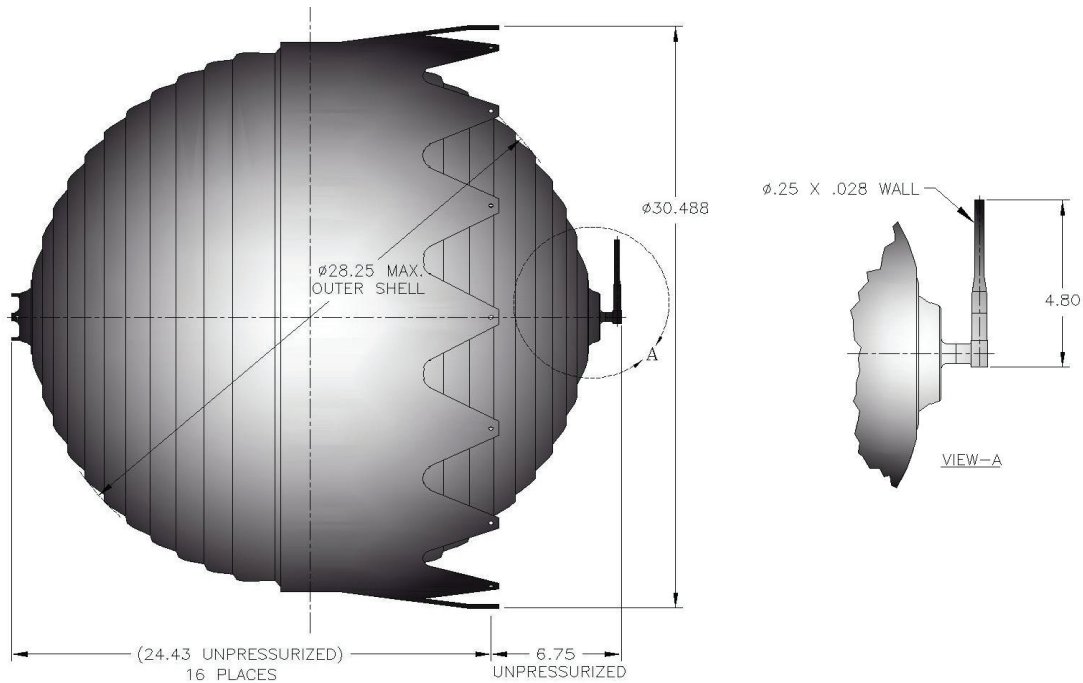




L3HARRIS®
FAST. FORWARD.

ARDE PART NUMBER 4790

Composite Overwrapped Pressure Vessels (COPV)



| SPECIFICATIONS | |
|--------------------------------|---------------------------|
| Volume (cubic inches) | 10889 |
| Operating Pressure (psig) | 4500 (He)/2610 (Xe) |
| Proof Factor | 1.25 |
| Minimum Burst Factor | 1.5 |
| Actual Rupture Pressure (psig) | 9874.5 |
| Weight (pounds) | 89/87 Nominal |
| Qualification Basis Standard | MIL-STD-1522A AIAA-081 |

| MATERIAL OF CONSTRUCTION | |
|--------------------------------------|----------------------|
| Liner | I-718 |
| Tubing Interface | Ti 3Al-2.5V |
| Wrap | Fiber: T-1000 |
| | Resin: 31-43B |
| | Adhesive-Cytec FM-73 |
| Environmental Vibration Load (He/Xe) | Component qual |
| | Axial 13.0 Grms |
| | Lateral 13.0 Grms |

For more information call L3Harris at (201) 270-5800 or email ContactARDE@L3Harris.com

ARDE Part Number 4790

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L3Harris Technologies, Inc.

1025 W. NASA Boulevard
Melbourne, FL 32919

L3Harris.com