ANISOGRID LATTICE STRUCTURE

A REVOLUTION IN COST AND MASS SAVINGS
**BENEFITS**

Satellite central tube, boom sections & struts tubes
Up to 90% mass savings compared to metallic solutions
Up to 60% mass savings compared to other composite solutions
No cost gain compared to other composite solutions
No cost gain for changed fiber directions
In-house filament winding manufacturing

**PERFORMANCE**

Tailored Carbon/Glass Fiber/Epoxy space grade materials
Tailored fiber directions from 0° to 90°
Tailored Strength, Stiffness and CTE performance
A variety of interface solutions, metallic and CFRP
Size, std. lead-time: $\phi_{\text{max}} = 500$ and $L_{\text{max}} = 3500$
Size, prolonged lead-time: $\phi_{\text{max}} = 2000$ and $L_{\text{max}} = 3500t$