



ANISOGRID LATTICE STRUCTURE

**A REVOLUTION IN
COST AND MASS SAVINGS**

SPACE
COMPOSITE STRUCTURES
DENMARK



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: $\emptyset_{\max} = 500$ and $L_{\max} = 3500$

Size, prolonged lead-time: $\emptyset_{\max} = 2000$ and $L_{\max} = 3500t$