

Aviation

In no other industry than aviation the reduction of weight plays such an important role. Recognising the demanding and changing environments of the aviation industry FibreMax is able to supply lightweight precision cables specifically designed to meet these demands.

Due to our unique endless winding production process, FibreMax produces cables which have the lowest possible diameter, weight and stretch at the same break load when compared to other manufacturers. FibreMax can supply lightweight precision cables that exceed conventional steel wire rope or braided rope constructions in terms of strength, weight, fatigue life and ease of handling. Not only will our cables contribute to safer and better conditions, they also reduce costs in terms of handling and construction.

Examples for typical FibreMax applications are:

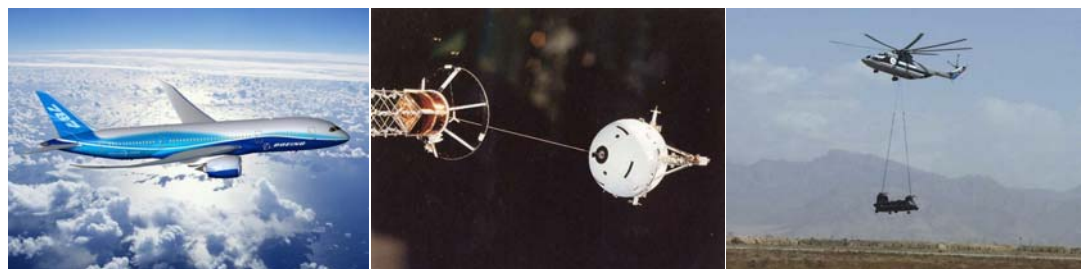
- Commercial aircraft control cables
- Military aircraft control cables
- Helicopter lift cable
- Balloons/zeppelins
- Hang gliders
- Ultra-light airplanes
- Paragliding
- Space tethers

FibreMax can provide the aviation industry with cables that suit their most demanding requests. Our engineers will assist designers or users in choosing the right cable for their application.

FibreMax lightweight precision cables for these applications have the following characteristics:

- 80 to 90% lower weight than steel wire *).
- 10% lower diameters than steel wire *).
- 30% lower weight than braided ropes *).
- 30% lower diameters than braided ropes *).
- No construction stretch.
- Length tolerance 0,1 mm per meter
- Maintenance free.
- Corrosion free

(* When compared at the same break load).



FIBREMax
All fibres used to the Max...

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