Antares F3L – Technical Specifications and Variants

Parameter	Antares F3L Standard (D■Box)	Antares F3L Light (Tube Spar)
Wingspan	1980 mm	1980 mm
Wing Area	31.6 dm²	31.6 dm²
Minimum Flying Weight	Approx. 450 g	Approx. 350 g
Ballast / Max Flight Weight	Up to ~250 g using brass plates	Reduced ballast capacity due to lighter frame
Wing Construction	D■Box with double spar and balsa web	Carbon tube spar as main structural element
Fuselage Construction	Laminated structure with reinforced stress zones	Same geometry, lighter internal design
Tail Assembly	Removable horizontal and vertical stabilizers	Same removable tail concept
Special Features	• Wing fairing at fuselage junction • Integrated charging and power connector • Ballast via brass plates and steel joiner • Optional F5L version supports Ø25 mm motor and 3s LiPo	Same concept, optimized for lightweight flight performa

The Antares F3L is a precision-engineered RC glider designed for F3L thermal soaring competitions. It combines lightweight construction with excellent aerodynamic efficiency. The Standard (D■Box) version excels in windy conditions and strong lift, while the Light (Tube Spar) variant is optimized for calm weather and minimal sink rates. Both versions share the same geometry and removable tail design, making them versatile and transport-friendly for competition pilots.

Manufacturer: HolzKlasse (Germany) Category: F3L Competition Class (Hand-Launch Glider)
Source: holzklasse-eu.jimdosite.com / skyraccoon.com