LUXA

J599 Hybrid Optical and Electrical Connector

Aviation Connectors

Optical and electrical contacts share one shell, allowing a single detachable interface for fiber signals and electrical circuits. Optical loss depends on the fiber type.



Technical specifications

Insertion loss (Single-mode, dB)	≤1.0
Insertion loss (Multimode, dB)	≤0.6
Return loss (Single-mode, dB)	≥50
Operating temperature (Connector)	-40 °C to 85 °C
Ingress protection	IP67
Cable diameter (mm)	5.0 to 12 (Customer-specified)