SAKIGAR

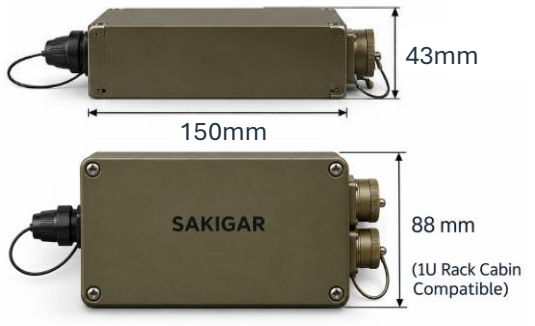
MILITARY / RUGGEDIZED NETWORK SOLUTIONS

Rugged Fiber–Ethernet Converter

MODEL
SKG-FE1000

HMA Fiber Connectivity • Protective-Capped Connectors • MIL-STD-810G Qualified





The Sakigar MIL-STD-810G qualified (All test results will be provided upon request) Fiber-to-Ethernet Converter is a compact and rugged solution designed for strategic military and tactical field applications.

TECHNICAL SPECIFICATIONS

Transmission Speed	1 Gbps (1000 Mbps) Full-Duplex	**Operation**	Method 501.5 and Method 502.5 (Procedure II) - 30 to +75
Dimensions	150 mm × 88 mm × 43 mm	**Storage**	Method 501.5 and Method 502.5 (Procedure I) - 40 to +85
Fiber Optical Interface	HMA Optical Connector, 1000Base-X Fiber Optic	**Drop**	Method 516.6, Procedure IV – Transit Drop
Ethernet Interface	Ruggedized Field RJ45 Connector, 10/100/1000Base-T(X) Ethernet	**Vibration**	Method 514.6, Category 4 – CC & CWV Profile
Power Interface	Military Standard Circular Connector	**Shock**	Method 516.6, Procedure I – Functional Shock (20G)
Power Input	9-36V DC input voltage range	**EMI / EMC**	RE 102, CE 102 compliant
Advanced Power Protection	Up to 36V overvoltage protection, short-circuit protection, reverse polarity protection and soft-start	**Display LEDs (3)**	Power On/Off, Fiber and Ethernet Link On/Off Network Traffic (Blinking)

TACTICAL FIELD APPLICATIONS

