



Press Release

FOR IMMEDIATE RELEASE

Ch. du Glapin 20
CH – 1162 Saint-Prex
Switzerland
Tel: +41 21 800 95 95
Fax: +41 21 800 39 24
mail@fischerconnectors.ch
www.fischerconnectors.com

Contacts:

Marie-Claire Planchon
Marketing Assistant
Direct: +41 21 800 95 82
m.planchon@fischerconnectors.ch

Marlene Henry Lendi
Marketing Project Leader
Direct: +41 21 800 95 74
m.henrylendi@fischerconnectors.ch



NEW FISCHER ALULITE CONNECTORS – WHEN WEIGHT MATTERS

Are weight considerations important in the development of your defense and security equipment? Significantly 50% lighter than typical metal connectors while still offering excellent strength to weight ratio, the new aluminium engineered Fischer AluLite Series is your solution to ultralight product design.

As increasingly sophisticated electronic systems are integrated into air, land, and sea-based applications, demand for lightweight, small and robust interconnect systems grows, making the use of aluminium in product development a natural choice. Ultralight, compact and rugged, the new Fischer AluLite range is ideal for mobile equipment, such as communication systems, personal role radios, rugged computers, soldier harnesses, or surveillance systems.

Available in a range of non-reflective camouflage colors, the Fischer AluLite connectors easily integrate with your product design. Rugged, 360° EMC shielded, sealed up to IP68 (2m/24h) or even hermetic, they can withstand harsh conditions. Ideal for frequent connect / disconnect operations or blind mating, the plugs and receptacles are engineered to endure more than 5,000 mating cycles within a temperature range of -50°C to +150°C. Additionally, the anodized finished connector housing is engineered with an aluminium alloy specifically chosen for its anticorrosion property.

Accepting cable diameters from 1.4 to 10.7mm, the new AluLite series is available in multipole from 2 to 27 pins with solder, PCB or crimp contacts and, upon request, in coax, triax or hybrid contact configurations. The choice of body styles is wide: standard-sized or short plugs, push-pull locking mechanism or emergency release system, front projecting or flush receptacles, front or rear mounting models. This high flexibility of configurations makes it easier to find the connector dedicated to providing a solution to your specific product design.

For more than 50 years, Fischer Connectors has been designing, manufacturing and distributing high-performance connectors and cable assembly solutions. Known for their reliability, precision, and resistance to demanding environments, its products are commonly used in major military programs. Primary design and manufacturing facilities are located in Switzerland, with subsidiaries and distributors located worldwide. For more information, log on to www.fischerconnectors.com

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