

F15TA28UL

Roboflexo 3D for use in multi-directional movement application

P & D cables.

Tear-resist compound material with tension resistance



** The cable shown above is for demonstration purposes.
The cable may subject to modification according to customer requirement.

Super-fine strength enforced alloy conductor

The Roboflexo 3D wire is designed with high safety in mind. The wire is made from high performance compound material with special tear-resist construction and super fine strength enforced alloy conductors to ensure the wire's high strength structure is maintained while keeping the wire's high flexibility nature intact. Our engineers and technicians have designed the wire to withstand high-risk industrial 3D movement applications.

Part Number:

F15TA28UL

Wire Dimensions:

1 x 0.08 mm²

Wire Color:

Acc. to customers' request. We are pleased to produce special color versions, other dimensions, multi-cores, and jacket colors on request.

Wire Sheath:

The sheath of the wire is made of special tear-resistant compound material which can endure tension and strain. This material is oil resistant in general to common oils. It is especially resistant to common acids, and bases.

Applications:

Tension and strain resistant connecting wire in electrical facilities. It is extremely useful in high movement machineries with loads and tensions enforced on the wires. For fixed laying and flexible applications. Suitable for use in dry, humid, and wet rooms. The wire is largely resistant to common acid and bases, and specified oils.

Physical Properties:

Conductor Completed Twist Diameter - approx. 0.4 mm

Insulation Thickness - approx. 0.17 mm

Wire Completed Diameter - approx. 0.74 mm

Electrical Characteristics:

Operating Voltage - 300 V

Voltage Test - AC 2000

Min. Insulation Resistance - $\geq 100 \text{ M}\Omega\cdot\text{km}$ at 20°C

Max. Conductor Resistance - $\leq 205 \text{ }\Omega/\text{km}$ at 20°C

Note: All indications on this data sheet have been made to the best of our knowledge. They are only a non-binding advice and serve as a starting point for plannings. They don't release the user from own tests regarding the suitability of the desired application purposes. Processing and the use of the products cannot be controlled by us and are therefore exclusively in your field of responsibility. The design is subject to alteration if new realization will make it necessary.