

Wedge-clamps, deployment aid for tactical field cables

The ideal aid for deploying tactical fiber-optic field cables, easy and quick fixation of the cable on the ground or for spanning over obstacles, like rivers, streets etc.

Applications:

- This tool is used as a deployment-aid to fix the cable at permanent constructions such as buildings, at a mast, at the ground, at trees or any other suitable objects.
- In following situations the wedge clamps are the perfect aid:
 - To hold the cable at the ground.
 - To lead a change of direction
 - To make a span e.g. from building to building, from mast to mast or from tree to tree.

Description:

- Plastic body containing two wedges to hold the cable.
- Stainless steel springs
- For different cable types and diameters, wedge clamps are available with different clamping jaws
- The clamping jaws are in different colors for different cable types and diameter
- The design is easy to use and robust for harsh environment

Environmental Conditions:

- Operation: -40°...+70° C
MIL-STD-810F-501.II
- Storage: -60°...+85° C
MIL-STD-810F-502.I
- Free fall at -60°C: 26 falls from 1.2 m height,
MIL-STD-810F-516.5-IV
- Weathering: 1000 h, 0.5 W/m² @ 340 nm,
ISO 4892-2A

Dimensions

l x h x d: 150x35x60 mm
Weight: 0.09 kg



Colored clamping jaws for different cables



Wedge clamp in operation

Technical Data

Type Color-Code	Suitable for the Cable Type	Cable Ø mm	Sheath material	Mechanical Performance	
				Retention force over full operation temp. range -40°...+70°C	Max. retention force at 22°C
Black Jaws	BRUmil FO-cable 1..4F	3.3...4.0	PA jacket	800 N	1100 N
Brown Jaws	BRUmil FO-cable 8F	4.4...5.0	PA jacket	600 N	1000 N
Green Jaws	BRUpowermil hybrid 4F + 2el.	5.6...6.0	PA jacket	450 N	650 N
Red Jaws	BRUtough 2..4F non-metallic cable	5.0...5.8	PUR jacket	180 N	300 N