

FTTH ACCESSORIES

Drop Cable Tension Clamp

Model **PSK-DCC-001** · Passive pole-line hardware - no tools required for fitting.

Wedge-type anchoring clamp that dead-ends flat FTTH drop cable at poles, facades and building entries, gripping the jacket over the full body length so the fiber inside is never crushed. A stainless hook and UV-stable polymer body survive decades of outdoor tension duty.

Overview

The drop cable tension clamp solves a small but critical problem of aerial FTTH: holding a 2 x 5 mm flat drop cable under permanent mechanical tension without damaging the single fiber at its core. Its two-part polymer wedge spreads clamping force along the full body length, so the jacket - not the fiber - carries the grip, while a stainless-steel bail hooks onto pole brackets, facade anchors or span wire.

Installation is tool-free and takes seconds: the cable lays into the open wedge channel, the wedge halves close as tension is applied, and grip strength rises automatically with load - the harder the span pulls, the firmer the hold. The open-hook bail drops onto the anchor point, and the clamp can be released and repositioned during stringing without damage to cable or clamp.

Clamps of this class are consumed by the thousand in aerial drop construction: one at each pole dead-end and one at the building attachment of every span. They suit span lengths up to about 70 m of standard flat drop and complement suspension fittings on longer multi-span runs. In the PROSKY portfolio they sit alongside terminal boxes and splice protection sleeves as standard FTTH last-span hardware.

Key features

- Purpose-shaped wedge channel for 2 x 5 mm flat drop cable
- Load-energised grip: holding force increases with span tension
- Full-length jacket contact - no point crushing of the fiber unit
- Stainless-steel open-hook bail fits pole brackets, hook bolts and span wire
- Tool-free fitting and repositioning during stringing
- UV-stabilised, glass-reinforced polymer body for 20-year outdoor exposure
- Typical retention 500 N min - beyond standard drop-cable rated tension

Applications

Aerial drop dead-ends · Building attachments · Pole-line FTTH spans · FTTH

Technical specifications

All values are typical for this product class.

Mechanical	
Cable fit	Flat drop 2 x 5 mm (bow-type, steel or FRP strength members)
Cable retention	500 N min, typical
Recommended span	70 m max standard flat drop
Bail breaking strength	2 kN min
Materials	
Body and wedges	Glass-reinforced PA66, UV-stabilised
Contact faces	Thermoplastic elastomer, cable-safe
Bail	304 stainless steel
Colour	Black, UV-stable

Environment & handling	
Operating temperature	-40 to +70 deg C
Outdoor design life	20-year target
Overall length	105 mm approx.
Unit weight	40 g approx.
Installation	Tool-free, reusable during stringing

Standards alignment

- Designed to align with NF C 33-042 anchoring-clamp practice
- Designed to align with IEC 60794-1-2 drop-cable mechanical test methods
- 304 stainless and RoHS-conformant polymer materials

Packaging

Typical export packaging: 100 clamps per inner bag, 500 per export carton (approx. 400 x 300 x 300 mm, 16 kg gross).

Ordering & support: request the certified PROSKY datasheet, project pricing and delivery terms via proskytele.com.