

Overview

Designed to significantly reduce installation time, the fiber-smart Technetix R-clip provides optimized cable management and protection, and simplifies the installation process reducing the parts and tooling required.

R-clip's 'clip-before-cable' concept was developed to reduce cable damage (eg impact from tools) during complicated installations, especially long cable runs where the cable must be fixed to the building structure. Attaching the R-clip before mounting cable significantly reduces accidental damage, and offers a dextrous work-around where mounting intervals require adjustment or rerouting.

This single solution is suitable for all structure types and surface variation (eg fascia board, brickwork, soffit). As an alternative to multiple fixings, the R-clip reduces mixed parts and tooling inventory for more streamlined fiber optic cable installations.



R-clips material specifications

Model	Component	Material	Color	Finish	Notes
R-Clip-O	Clip	Zytel® 105F BK010 polyamide 66 resin	Black	Polished	1
	Nail	Hardened steel		Zinc-plated	
R-Clip-C	Clip	Zytel 105F BK010 polyamide 66 resin	Black	Polished	1
	Nail	Hardened steel		Zinc-plated	

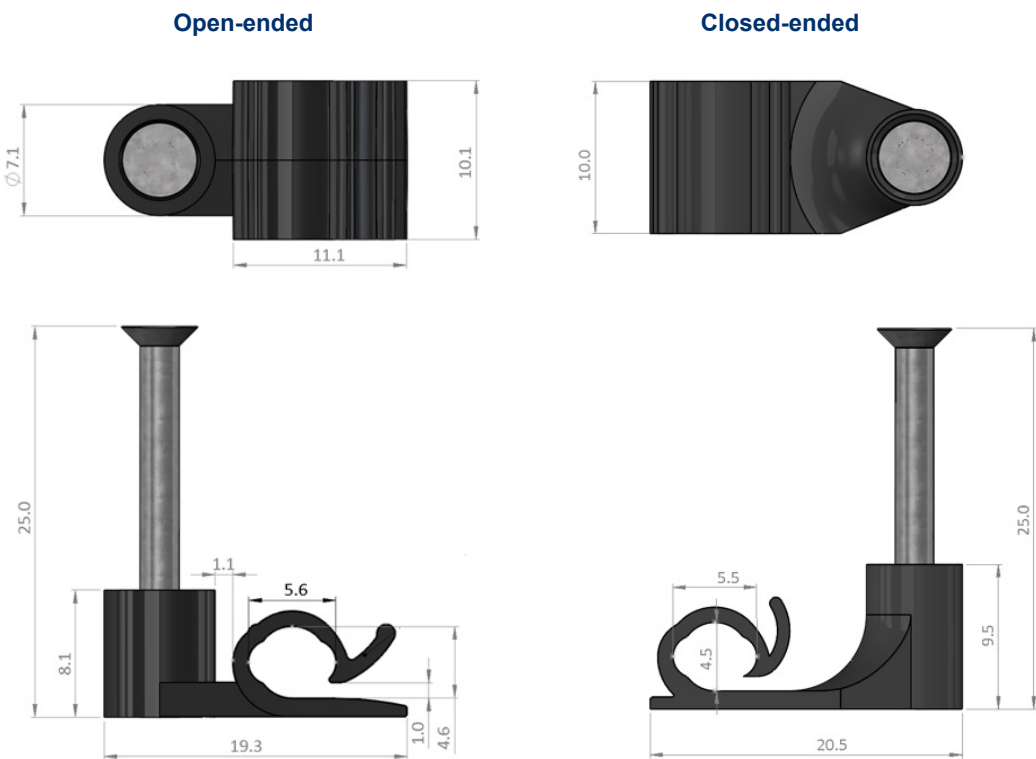
Mechanical and environmental specifications

Parameter		Specification	Pass condition	Notes
Test type	Resilience	10x insertion 5.5 mm rod	Retains 2.5 mm rod	
	Durability/impact	50 mm 0.5 kg steel ball, height 400 mm	No splitting, still able to insert and retain 5 mm rod	
	Nail retention force	10N (1 kg)	Holds for >10 sec	
UV resistance		>10 years		2
Weather resistance		>10 years		3
Fire resistance		IEC 60695-11-10		4
Operating temperature		+5°C to +35°C (+41°F to +95°F)		5
Storage temperature		-40°C to +60°C (-40°F to +140°F)		6

Notes

- 1 Zytel 105F BK010 is a lubricated, fast cycling, weather resistant polyamide 66 resin containing finely dispersed carbon black (for UV stability).
- 2 Material remains stable.
- 3 Material remains stable.
- 4 Class V-2
- 5 Must retain flexibility over full temp range.
- 6 Material remains stable.

Mechanical drawings*



* Inspection tolerance 3%; dimensions in mm.

Order information

Item code	Model code	Description
19015803	R-CLIP-O-5	R-TYPE CABLE CLIP OPEN 5
19015804	R-CLIP-C-5	R-TYPE CABLE CLIP CLOSED 5