CMP Solace Heavy Duty 1 Bolt Fire Rated Cable Cleat (316L Stainless Steel)



Description

Use **Solace (1BCHT)** for the safe retention of single cables in critical electrical installations. This metallic cable cleat secures cables in a single formation and is engineered, tested and fully compliant with **IEC 61914**, ensuring reliable performance in both standard and emergency conditions.

Fire-Rated Cable Cleats

The Solace (1BCHT) cleat is specifically developed for use with fire performance cables, helping maintain circuit integrity during fire conditions. By securely retaining cables under extreme heat, it supports essential systems such as emergency lighting, alarms, and evacuation routes, making it a vital component in life safety installations.

By preventing premature collapse, it supports the continued operation of critical life safety systems, including:

- **Emergency lighting**
- **Fire alarm systems**
- **Evacuation route signage and systems**

Built for Harsh Environments

Constructed from marine-grade **316L stainless steel**, this cleat offers outstanding corrosion resistance, making it suitable for indoor and outdoor installations, including harsh and industrial environments.

With an extended operating temperature range of **-60°C to +250°C**, and fire resistance tested up to **1,200°C**, this cleat is built to perform under the most demanding conditions.

Sizes & Installation

Available in **12 sizes**, this cleat accommodates cable diameters from **10mm to 71mm**, providing flexibility across a wide range of applications.

The **single bolt (M10) fixing design** ensures quick and secure installation, while the cleat can also be stacked where required for efficient cable management.

Key Features

- **316L stainless steel construction**
- **Fire-rated for critical cable retention**
- **Operating temperature: -60°C to +250°C**
- **Fire tested up to 1,200°C (fire, shock & water)**
- **Suitable for 10 – 71mm cable diameters**
- **Twin arc design for superior retention**
- **Stackable for flexible installation**
- **Excellent axial and lateral load performance**

Technical Specifications

- **Type:** 6.1.1 Metallic 1BCHT – One Bolt High Temperature Cable Cleat
- **Standard:** IEC 61914
- **Operating Temperature:** -60°C to +250°C
- **Fire Performance:** BS5839 / BS8491 / EN50200 / BS8434 / AS-NZS 3013 (up to 1,200°C)
- **Needle Flame Test:** Pass (120 seconds) – IEC 60695-11-5
- **Lateral Load:** 15kN – 23kN (IEC 61914)
- **Axial Load:** 1kN (IEC 61914)
- **Impact Resistance:** Very Heavy (IEC 61914)
- **Material:** 316L Stainless Steel
- **Colour:** Silver / Grey
- **UL Certification:** E490770-20180430
- **Standards Compliance:** UL 2239, CSA C22.2 No. 18.4-15

Short Circuit Testing to IEC 61914 - Clause 9.5	
Parallel Formation	
One short-circuit **600 mm fixed cleat centres** **100 mm cable centres**	**Two short-circuits** **600 mm fixed cleat centres** **100 mm cable centres**
0.1 sec 100 kA Peak 47.6 kA RMS	0.1 sec 100 kA Peak 47.6 kA RMS

Additional Options

Optional anti-corrosion coatings are available:

- **Epoxy (EC)**

Standards

Construction

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

CMP Solace Heavy Duty 1 Bolt Fire Rated Cable Cleat (316L Stainless Steel) - Dimensions

Reference
1BC

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