Hornet Overhead Line (AAC) Cable - PVC | Network Rail Certified



Description

Hornet Cable is designed to be used as a bonding cable for rail overhead line applications. Hornet is a bonding cable which can also act as an earthing wire, providing a route to Earth from the Power supply to ensure proper circuit continuity. In the event of circuit failure Hornet cable acts as part of a fail-safe. Hornet OHL is an All-Aluminium Conductor (AAC) manufactured specifically for the Railway industry and is NR Certified.

PVC insulated Hornet cable is colour coded for use.

BLACK: Standard traction bond
DRAWING NUMBER:148/046/998
PADS REF: 0091/010318

RED: Danger to staff if bond is disconnected
DRAWING NUMBER:148/443/998
PADS REF: 0091/030336

YELLOW: Bonded Jumper cable
DRAWING NUMBER: 148/444/998
PADS REF: 0091/030337

GREEN: Traction Bond
PADS REF:0091/010513

A Bare aluminium standard bonding cable is also available

Key Features

Core Identification
Hornet: 158-AL1 PVC Insulated

Minimum Bending Radius
9X Overall Diameter

Temperature Limits
Temperature Range: -15°C to + 70°C

Drawing Number
PVC insulated Hornet OHL:

Black: 148/046

Red: 148/443

Yellow: 148/444

Green: 148/445

Standards

- BS EN 50182
- BS 215-1
- BS EN 50363-2-1
- **PADS REF:**
  Black: 0091/010318
  Red: 0091/030336
  Yellow: 0091/030337
  Green: 0091/010513

Construction

- **Conductor**: Stranded Aluminium Conductors
- **Insulation**: Polyvinyl Chloride (PVC)

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
31196

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

Hornet Overhead Line (AAC) Cable - PVC | Network Rail Certified - Dimensions

Reference	Conductor Size (mm2)	Stranding(mm)	Insulation Thickness (mm)	Max Overall Dia	Conductor Type	Weight(Kg/Km)
0091/0	158	19/3.25	1.6	20.4	STRANDED ALUMINIUM	628

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.