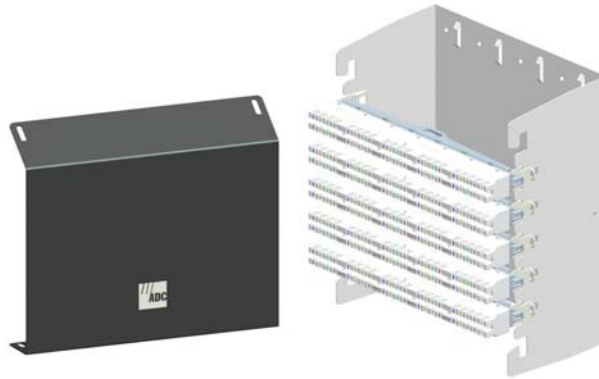


TrueNet®

Category 6_A HighBand® Consolidation Point

Issue 1



For use in the horizontal cabling system, inside the ceiling or under a false floor. Utilises high speed data and voice transmission modules suitable for the direct termination of 100Ω unshielded, twisted pair plastic insulated copper wires to ADC KRONE LSA PLUS® insulation displacement connectors

The modules clip onto the specially designed polycarbonate clips that mount onto the metal wall mount frame. The metal cover clips over the front of the modules protecting the termination contacts from dust and other foreign matter.

Features:

- The modules exceed TIA/EIA and ISO/IEC Category 6_A requirements
- Modules are terminated with either the standard ADC KRONE Connection Tool (pt No. 6089 2 003-00), or the ADC KRONE Connection Tool with Sensor (Pt No. 6417 2 055-01). Module may also be terminated with a 110 tool

Specifications

Modules:

Environment for use: Indoors or in dry enclosure rated IP54 or greater.
Operating temperature range -20°C to +80°C
Maximum relative humidity: 93% non-condensing
Wire range for solid & stranded copper conductors: 0.4-0.65mm (26-22 AWG)*

* Should there be a requirement to terminate cables other than 10 Gigabit cable, a maximum of 2 equal, solid conductors only, of up to 0.5 conductor diameter can be terminated per slot. Only 1 conductor of stranded wires per slot can be terminated. If any conductors >0.5 have been terminated, reversal to smaller conductors is no longer possible.

SPEC SHEET



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Wire insulation diameter range (PE, PVC): Typically 0.7-1.4mm
 Number of wire re-terminations: Up to 200
 Wire insertion force (0.5 conductor diameter): 6N
 Wire pull out force, radial (0.5 conductor diameter): 5N
 Wire pull out force, axial (0.5 conductor diameter): 35N
 Number of patching cycles, Modules: Up to 750
 Patch plugs: Up to 200
 Transmission & reliability: ≥TIA/EIA 568-B.2-10 Category 6A
 ≥ ISO/IEC 11801 Class Ea
 Change of contact interface resistance after reliability testing
 (to ISO/IEC 11801 and TIA/EIA 568B per through connection,
 ie. 2 insulation displacement and 1 disconnection contact joint): <5mΩ typical
 Voltage/current rating at 25°C ambient: 150VAC at 2.5A max.
 Dielectric strength: 1.5kVAC
 Surge voltage strength (1.2/50µsec wave shape): 2.5kV
 Surge current strength (8/20µsec wave shape): 3kA (Modules)
 0.5kA (Patch Plugs)
 Insulation resistance: 50,000MΩ at 500VDC
 Safety: UL 1863
 Flammability rating of plastic housing: UL 94 V-0

Assembly:

Overall dimensions (cover fitted): 252mm high x 240mm wide x 160mm deep
 Wall mount frame material: Stainless steel
 Cover material: Aluminium

ACMA Compliant

SPEC SHEET

Ordering Information

Description	Quantity	Product No.
Category 6A HighBand Consolidation Point Consists of (5) Category 6A modules, (5) label holders, (1) wall mount frame and (1) protective cover	1 Kit	6450 1 105-21



www.adckrone.com/au

AUSTRALIA 2 Hereford Street, Berkeley Vale NSW 2261
 Mailing Address: PO Box 335, Wyong NSW 2259, Australia
 Sales Support: 1800 801 298

www.adckrone.com/nz

NEW ZEALAND 2 Nevis Street, Petone, Wellington
 Mailing Address: PO Box 38-177, Wellington Mail Centre 6008, New Zealand
 Sales Support: 0800 657 663

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101
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