



**COMPLIANCE TESTING REPORT FOR  
AUSTRALIAN STANDARD AS/CA S008:2010  
INCLUDING AMENDMENT No. 1/2014  
REQUIREMENTS FOR CUSTOMER CABLING PRODUCTS  
(INCLUDING RELEVANT CLAUSES OF IEC 60603-7)\***

Client:	DINTEK Electronic Limited	
Address:	NO.8, Lane 97, WU-KONG RD.WU-KU INDUSTRIAL DISTRICT, HSIN CHUANG TAIPEI HSIEN, TAIWAN, R.O.C.	
Report Number:	0118DIN1201-04XXX_S008	
Date of Testing:	15 December 2017 to 15 January 2018	
File Number:	DIN171025	
Product Name:	PowerMAX Cat6 Twisted Pair Patch Cord	
Brand Name	DINTEK Electronic	
Product Model No:	1201-04XXX	
Product Description:	Category 6 Twisted Pair Patch Cord	
Result:	<b>Comply</b>	
Compiled by:	Zhimou Qin	
Approved by:	Nina Rodoreda	
Date of Issue	18 January 2018	

Results appearing herein relate only to the sample(s) tested.  
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**\* Refer to summary page for any conditions.**

**SUMMARY OF COMPLIANCE WITH AUSTRALIAN STANDARD**  
**AS/CA S008:2010 including amendment No. 1/2014**  
**(Including relevant clauses of IEC 60603-7)\***

The PowerMAX Cat6 Twisted Pair Patch Cord, model number: 1201-04XXX was supplied for AS/CA S008:2010 testing by DINTEK Electronic Limited of NO.8, Lane 97, WU-KONG RD.WU-KU INDUSTRIAL DISTRICT, HSIN CHUANG TAIPEI HSIEN, TAIWAN, R.O.C..

The Equipment Under Test (EUT) consisted of a length of cordage with RJ45 plugs fitted to both ends. The RJ45 (or 8P8C) plugs were unshielded. Both ends had a moulded strain relief jacket between the RJ45 plug and cordage. The cordage was unshielded 4 pair construction. Each conductor comprised of seven (7) strands. The nominal diameter of each conductor strand was 0.196mm. The composition of the conductor insulation was High Density Polyethylene (HDPE). The sheath was made of Flame Retardant PVC. Please also refer to the photo in Appendix B and Product Specifications in Appendix C, at the rear of the report.

Due to the construction of the cordage, the EUT was tested to the relevant cord/cordage clauses of this standard and is **not suitable for use as building cable** (fixed wiring).

The EUT had the following sheath markings:

DINTEK UTP Cat.6 STRANDED-24AWGx4P-CM ANSI/TIA-568-C.2 ETL VERIFIED  
ISO/IEC 11801 & EN5017

The requirements for labelling cable and cable products are specified in the ACMA Telecommunications Cabling (Customer Equipment and Customer Cabling) Notice.

The PowerMAX Cat6 Twisted Pair Patch Cord, model number: 1201-04XXX **COMPLIES** with the tested clauses of AS/CA S008:2010.

**Possible Test Case Verdicts:**

- test case does not apply to the test object .....N(.A)
- test object does meet the requirements .....P(ass)
- test object does not meet the requirements .....F(ail)
- testing was not performed.....NT
- noted.....ND

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.	REQUIREMENTS		P
5.1	GENERAL Cabling products shall be physically distinguishable from products used for distribution or connection of AC mains supply.		P
5.2	MARKINGS		P
5.2.1	Labelling Notice		ND
5.2.2	Inappropriate markings Cabling products intended solely for telecommunications use shall not bear markings indicating hazardous services.		P
5.2.3	Additional markings (excluding cable markings)		N
5.2.3.1	International protection (IP) rating		N
5.2.3.2	Multidiscipline telecommunications connecting hardware		N
5.3	UNDERGROUND CONDUIT		N
5.4	CABLE DISTRIBUTION DEVICES		N
5.5	OPTICAL FIBRE DISTRIBUTION DEVICES AND ENCLOSURES Optical fire distribution devices and splice enclosures shall comply with AS/NZS 2211.1		N

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.6	CABLES		P
5.6.1	General A customer cable shall meet the requirements of Clauses 5.6.2 to 5.6.9 where specified in Clauses 5.6.10 to 5.6.18 of this Standard.		P
5.6.2	Conductor and optical fibre identification Shall use a system of identification such that all conductors, coaxial tubes or optical fibres within the cable are readily distinguishable visually from one another.	4 twisted pairs. Pairs are identified as: Blue, orange, green and brown. The matching mate in the twisted pair is white insulation with a matching coloured stripe.	P
5.6.3	Insulation and sheath material		N
	(a) shall use insulation and sheath materials suitable for telecommunications purposes;		N
	(b) Where PVC insulation or sheath materials are used, they shall comply with the requirements of Table 1 or 2, as applicable: and		N
	Table 1 - PVC Insulation Requirements Tensile strength (unaged): 13 MPa Elongation (unaged): 100% Elongation (Aged): 50% of initial after 100C at 120h Volatile Loss: 20 g/m2 after 80C aging for 120h Volume Resistivity: 400GΩ m at 23C, 0.4GΩ m at 60C		N
	Table 2 - PVC Sheath Requirements Tensile strength (unaged): 12 MPa Elongation (Unaged): 100% Elongation (Aged): 50% of initial after 100C at 120h Volatile Loss: 20 g/m2 after 80C aging for 120h		N
	(c) Where non-PVC insulation or sheath materials are used, they shall comply with the requirements of AS 1049 for-		N
	(i) Tensile Strength Test (Aged/Unaged);		N
	(ii) Elongation Test (Aged/Unaged); and		N
	(iii) Shrinkback Tests for that particular type of insulation and sheath.		N

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.6.4	<b>Flammability</b> A cable that is required to comply with this Clause shall pass the combustion propagation test of Method 5.6 including Appendix A and B of AS 1660.5.6.	Refer to table in Appendix A.	P
5.6.5	<b>UV resistance</b> Requirements of AS 1049 for cables exposed to UV radiation.		N
5.6.6	<b>Metallic conductors</b>		P
5.6.6.1	<b>Conductor composition</b> Any metallic conductors, other than copper-clad steel used as an inner conductor in coaxial cable, or copper-clad aluminium with a centre conductor greater than 2mm used as an inner conductor in coaxial cable- <ol style="list-style-type: none"> <li>(1) shall be either plain or plated copper;</li> <li>(2) may be either a single, solid conductor or multi-stranded;</li> <li>(3) the DC resistance shall be less than the values given in Table 3; and</li> <li>(4) the conductor finish should be plain or tinned</li> </ol>	Requirement: 104.12 $\Omega$ /km max.  Measured: 92.04 $\Omega$ /km  Stranded copper 7x0.196mm  All pairs measured and average calculated.	P
5.6.6.2	<b>Electrical withstand voltage</b> A multi-conductor cable that is required to comply with this Clause by any of Clauses 5.6.10 to 5.6.18 of this Standard, when tested at a frequency of 50 Hz on at least 1 m length; <ol style="list-style-type: none"> <li>(a) shall be able to withstand the appropriate AC voltage levels and test method listed in Table 4, without breakdown for a period of 60 s or a period of 2 s as stated; and</li> <li>(b) for Test 2 and 3, all cables/cordages shall comply to the Table 4 limits using the test specified in AS/NZS 3191 Table 2.1, test number 8(a), and using test method referred in Clause 3.5.1 of AS/NZS 1660.3.</li> </ol>	Refer to Appendix A.	P

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.6.6.3	Mutual capacitance (a) The maximum mutual capacitance between the two wires forming a pair measured at any frequency in the range 800 Hz to 1000 Hz shall not exceed the relevant value given in table 5. (b) The measurement, referred to in Clause 5.6.6.3 (a) shall be performed on a minimum cable length of 100m (c) The mutual capacitance shall be corrected to a length of 1000m	Requirement: 80 nF/km max.	N
5.6.6.4	Capacitance unbalance (a) The maximum capacitance unbalance between pairs measured at any frequency in the range 800 Hz to 1000 Hz shall not exceed the relevant value given in Table 5. (b) During the measurement referred to in Clause 5.6.6.4 (a), all conductors, other than those under test and the metallic shield (where applicable) shall be connected to earth. (c) The measurement shall be performed on a minimum cable length of 100m. (d) The capacitance unbalance between two pairs of wires with one pair designated 'A' and 'B' and the second pair designated 'C' and 'D'. (e) The capacitance unbalance shall be corrected to a length of 500m.	Requirement: 300 pF per 500m max.	N
5.6.6.5	Insulation resistance (a) shall not be less than the relevant value given in Table 5; (b) the measurement shall be made on a minimum length of 100m of cable or cordage at a potential of 500Vd.c. $\pm$ 50Vd.c. and the reading taken after the application of the voltage for 60s; and (c) the insulation resistance shall be corrected to a length of 1000m.	Requirement: 100M $\Omega$ /km min  Measured: > 100M $\Omega$ /km  Refer to Appendix A.	P
5.6.7	Metallic shield (a) any shield provided in the cable shall be electrically continuous; and (b) Where a foil shield is employed, a drain wire shall be placed in continuous contact with the metallic surface of the shield.		N

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.6.8	Water penetration test Water Penetration specified in Clause 25, Method-F5B of IEC 60794-1-2.		N
5.6.9	Integral bearer or strengthener		N
5.6.10.	Cable with specific attributes Where a cable is claimed to have specific attributes, such as rodent or termite resistance or armouring strength, evidentiary documentation shall be made available on request to support the claim.		N
5.6.11	Metallic paired cable		N
5.6.11.1	General requirements Metallic paired cable, other than cordage, a cord or a special application cable, shall comply with the following Clauses: 5.6.2, 5.6.3, 5.6.4, 5.6.5, 5.6.6.1, 5.6.6.2, 5.6.6.3, 5.6.6.4, 5.6.6.5, 5.6.7, 5.6.8 and 5.6.9.		N
5.6.11.2	Construction A cable intended to carry a frequency of 300 Hz or greater shall be shielded or of twisted pair construction.		N
5.6.12	Cordage with metallic conductors		N
5.6.12.1	General requirements Cordage with metallic conductors shall comply with the following Clauses: 5.6.2, 5.6.3, 5.6.4, 5.6.5, 5.6.6.1, 5.6.6.2, 5.6.6.3, 5.6.6.4, 5.6.6.5 and 5.6.7.		N
5.6.12.2	Conductor composition Conductors in metallic cordage should be of stranded or tinsel conductor construction when frequent movement of the cordage is anticipated.		N
5.6.13	Cords with metallic conductors		P
5.6.13.1	General requirements A cord with metallic conductor shall comply with the following Clauses: 5.6.2, 5.6.4, 5.6.5, 5.6.6.1, 5.6.6.2, 5.6.6.5 and 5.6.7		P
5.6.13.2	Cords exceeding a length of 10m A cord with metallic conductors that exceeds a length of 10m shall comply with Clause 5.6.13.1 and the following Clauses: 5.6.3, 5.6.6.3 and 5.6.6.4.		N

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.6.13.3	<p>Cord anchorage or strain relief</p> <p>A cord with metallic conductors-</p> <p>(a) shall be secured in any plug or socket connected to a cord by an appropriate anchorage or strain relief; and</p> <p>(b) When subjected to a force of 45 N gradually applied between the cord and the plug or socket for a period of 60s, the cord shall not be longitudinally displaced by more than 2mm, nor show any appreciable strain at the connection.</p>		<p>P</p> <p>P</p> <p>P</p>
5.6.14	Metallic jumper wire and jumper cable		N
5.6.15	Coaxial cable		N
5.6.16	Optical fibre cable		N
5.6.17	Blown fibre tube systems		N
5.6.18	Special application cables		N

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.7	CONNECTING HARDWARE, INCLUDING PLUGS AND SOCKETS OF ALL DESIGNS		P
5.7.1	General		P
5.7.1.1	Insulation resistance The insulation resistance between any two points which are required to be electrically insulated shall be a minimum of 100 MΩ. The insulation resistance measurement is to be made after 500V ± 50 V d.c. has been applied for a period of 60 s	Measured: > 100 MΩ	P
5.7.1.2	Contact resistance		P
5.7.1.2.1	Insulation Displacement contacts The contact resistance in connecting hardware other than the types of plugs and sockets covered in Clauses 5.7.2, 5.7.3 and 5.7.4 shall comply with the requirements of IEC 60352-4 Clause 12.3.1.	Insulation Displacement contacts as part of the plug, comply with requirements.  8 position modular sockets covered in Clause 5.7.2	P
5.7.1.2.2	Plug and socket connection For connectors using a plug and socket, other than the types of plugs and sockets described in Clauses 5.7.2, 5.7.3 and 5.7.4, the interface resistance of the overall mated connection or shield connection shall not exceed 50mΩ using the test method described in Clause 12.3.1 of IEC 60352-4.		N
5.7.1.3	Electric strength Electrically conductive elements normally at telecommunications network voltage (TNV) shall comply with Clause 6.4.2 (Voltage proof) of IEC 60603-7.	Refer to Appendix A.	P
5.7.1.4.	Protection against contact with exposed circuits Connectors, plugs and sockets with metallic conductors and shields shall comply with the probe test of Clause 6.2.1 (b) (Separation requirements) of AS/NZS 60950.1.		N
5.7.1.5	Weather resistance Plugs and sockets exposed to weather and damp areas shall have a minimum degree of protection of IPX3 against the ingress of water when tested in accordance with AS 60529.		N

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AS/CA S008:2010			
Clause	Requirement - Test	Result - Remark	Verdict
5.7.1.6	Access to cable terminations All telecommunications terminations shall be enclosed or located to prevent unintentional contact with voltages other than SELV by a person who is not doing cabling work (e.g. an end-user).		P
5.7.1.7	Prohibited arrangements A connecting device's faceplate for telecommunications wiring shall not incorporate a low voltage fixed socket-outlet or switch.		N
5.7.2	Eight (8) position modular plugs and sockets In addition to the general requirements of Clause 5.7.1, eight (8) position modular plugs and sockets shall comply with the following Clauses of IEC 60603 7: 6.4.2 Voltage proof 6.4.3 Current - temperature derating 6.4.4 Initial contact resistance 6.6.1 Mechanical operation (Cycle) 6.6.2 Effectiveness of a connector coupling device	Refer to Appendix A.	P
5.7.3	Six (6) position modular plugs and sockets Six (6) position modular plugs and sockets shall- (a) be mechanically designed according to CFR FCC 68.500 (a) and (b) ; and (b) In addition to the general requirements of Clause 5.7.1, shall comply with the following Clauses of IEC 60603-7: 6.4.2 Voltage proof 6.4.3 Current - temperature derating 6.4.4 Initial contact resistance 6.6.1 Mechanical operation (Cycle) 6.6.2 Effectiveness of a connector coupling device		N
5.7.4	600 series plugs and sockets		N
5.8	CABLING PRODUCTS FOR UNDERGROUND AND AERIAL INSTALLATIONS		N

**\*\*\* END OF REPORT BODY \*\*\***

**Appendix A – Additional Test Data**  
**Appendix B – Photographic Record of Sample**  
**Appendix C – Specifications provided by the client**

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Appendix A	Additional test data		
Clause	Requirement - Test	Result - Remark	Verdict

### Appendix A – Additional Test Data

5.6.4 TABLE: Flammability Test										P
No	Object	Duration of application of flame (S)	Time object remained alight after removal of flame (S)	Time until ignition of tissue paper (S)	Time until ignition of particle board (S)	Ignition of tissue paper	Particle board scorching	Extent of burning upwards (mm)* (>50mm)	Extent of burning downwards (mm)* (<540mm)	Result
1	Cat6 patch cord_GREY	60	4	NI	NI	NI	NI	330	520	Pass
2	Cat6 patch cord_RED	60	142	NI	NI	NI	NI	230	510	Pass
3	Cat6 patch cord_Green	60	73	NI	NI	NI	NI	300	505	Pass
4	Cat6 patch cord_BLUE	60	184	NI	NI	NI	NI	200	515	Pass
5	Cat6 patch cord_YELLOW	60	92	NI	NI	NI	NI	250	510	Pass

\* Measured from lower edge of upper clamp. Start of burn was 475 mm from upper clamp. Limit for upward burn is > 50 mm and limit for downward burn is <540 mm from upper clamp (AS 1660.5.6).

LEGEND	
P	Pass
F	Does not comply
NA	Not applicable
NI	No ignition

**NOTE:**

**INDIVIDUAL ITEMS OF THIS TEST REPORT SHOULD NOT BE QUOTED IN ISOLATION AS PROOF OF PRODUCT ACCEPTABILITY NOR APPLIED TO DIRECTLY ASSESS PERFORMANCE UNDER CONDITIONS OTHER THAN AS ENVISAGED BY THE REFERENCE SPECIFICATION, E.G. INDIVIDUAL FIRE TESTS TO PROVE AN OVERALL ACCEPTABLE FIRE HAZARD LEVEL.**

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Appendix A	Additional test data		
Clause	Requirement - Test	Result - Remark	Verdict

**Appendix A – Additional Test Data**

5.6.6.2	TABLE: Cable – Electrical Withstand Voltage	P	
Test voltage applied between:		test voltage (V)	breakdown Yes / No
Blue wire to all other conductors		700 V a.c. rms	No
White Blue wire to all other conductors		700 V a.c. rms	No
Orange wire to all other conductors		700 V a.c. rms	No
White Orange wire to all other conductors		700 V a.c. rms	No
Green wire to all other conductors		700 V a.c. rms	No
White Green wire to all other conductors		700 V a.c. rms	No
Brown wire to all other conductors		700 V a.c. rms	No
White Brown to all other conductors		700 V a.c. rms	No
All conductors to sheath		700 V a.c. rms	No

5.6.6.5	TABLE: Insulation Resistance	P	
Test Voltage applied between:		Test Voltage (V)	Insulation Resistance (MΩ/km)
Wires forming a pair		500Vdc	>100 MΩ/km

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Appendix A	Additional test data		
Clause	Requirement - Test	Result - Remark	Verdict

### Appendix A – Additional Test Data

#### IEC 60603-7 Clauses of Section 5.7 Connecting hardware, including plugs and sockets of all designs

5.7.1.3 & 5.7.2	IEC 60603-7 Clause 6.4.2 Voltage proof		P
	IEC 60512, Test 4a Standard atmospheric conditions. Mated connectors. 1000 VDC or AC peak, contact to all contacts.		P
	Test method used (A, B or C) and details to be specified.	Method = A Duration = 60 seconds Current Limit = 2 mA See also below.	P

Test Voltage applied between:	Test Voltage (V)	breakdown Yes / No
Each contact to all other contacts	1000 V a.c. peak	No

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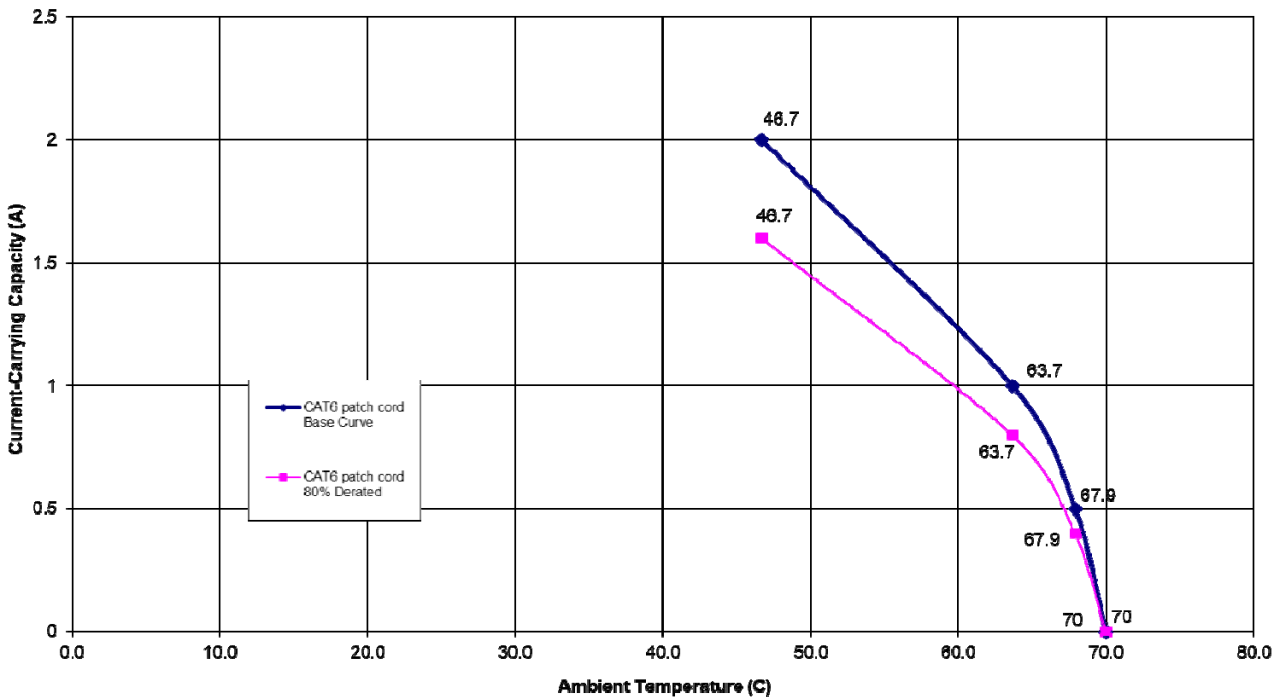


Appendix A	Additional test data		
Clause	Requirement - Test	Result - Remark	Verdict

### Appendix A – Additional Test Data

5.7.2 & 5.7.3	IEC 60603-7 Clause 6.4.3 Current-temperature derating		P
	IEC 60512, Test 5b Standard atmospheric conditions. All contacts.		P

**Current Carrying Capacity: Connector Derating Curve**



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Appendix A	Additional test data		
Clause	Requirement - Test	Result - Remark	Verdict

### Appendix A – Additional Test Data

5.7.2 & 5.7.3	IEC 60603-7 Clause 6.4.4 Initial contact resistance		P
	IEC 60512, Test 2a Standard atmospheric conditions Mated connectors. Connection points as specified in IEC603-7 figure 27. Requirement = 20mΩ max	Test current <98.40mA DC, emf of test circuit <1.854mV DC. Both polarities. Measured: 18.84 mΩ	P
5.7.2 & 5.7.3	IEC 60603-7 Clause 6.6.1 Mechanical operation (Cycle)		P
	IEC 60512, Test 9a Speed 10mm/s max. Rest: 1s min. (unmated) PL1: 750 operations; PL2: 2500 operations.	Compliance is checked by visual inspection, contact resistance, insulation resistance and voltage tests. PL1	P
5.7.2 & 5.7.3	IEC 60603-7 Clause 6.6.2 Effectiveness of connector coupling devices		P
	IEC 60512, Test 15f All types: 50 N for 60 ± 5 s. Requirement: Connectors shall remain fully engaged and there shall be no loss of electrical continuity. Latching and unlatching of coupling locks shall be operational and certain.		P

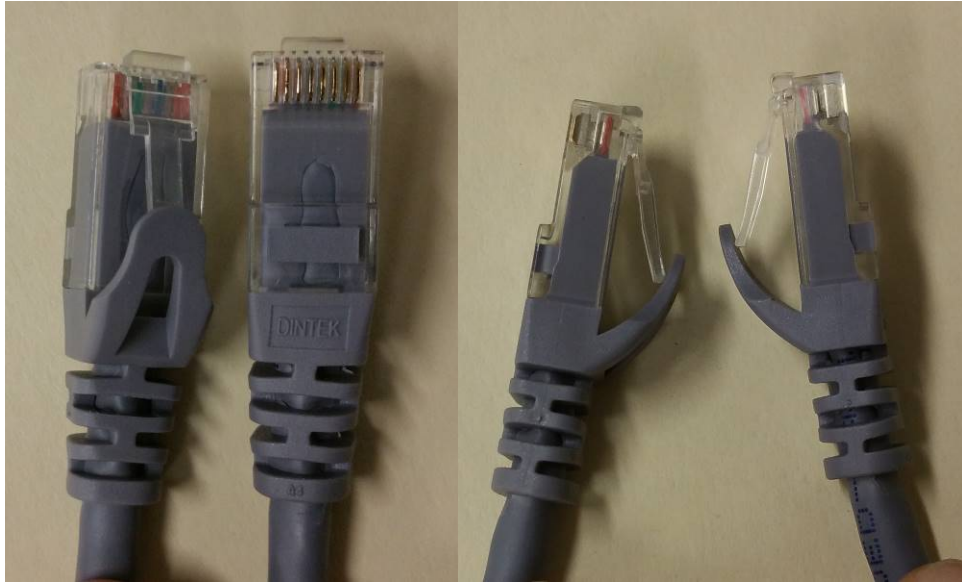
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**Appendix B – Photographic Record of Sample**



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## Appendix C – Specifications provided by the client



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### Category 6 UTP Patch Cable, 24AWG×4P, TYPE CM, without Cross

#### STANDARD COMPLIANCES

All Proposed Category 6 requirements as per ANSI/TIA, ISO/IEC, and CENELEC EN Standards:  
 ANSI/TIA-568-C.2 Cat.6  
 ISO/IEC 2<sup>nd</sup> Edition 11801 Class E  
 CENELEC EN 50173-1  
 CENELEC EN 50288-6-2, IEC 61156-6 for patch cable  
 Flame Retardancy is verified according to IEC 60332-1-2.  
 Our products always comply with RoHS and REACH Directives.

#### CONSTRUCTION & CHARACTERISTICS

Conductor	Material / Size	Bare Copper / 24AWG (7 x 0.196mm)
Insulation	Material	HDPE
	Thickness	Nominal: 0.23 mm
	Diameter	Nominal: 1.05 mm
	Colors	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown
	Unaged Elongation	Min. 300%
	Unaged Tensile Strength	Min. 1.683 Kg/mm <sup>2</sup>
Jacket	Material	Flame Retardant PVC
	Thickness	Nominal: 0.5 mm
	Diameter	Nominal: 5.8 mm
	Color	Assorted upon request
	Unaged Elongation	Min. 100%
	Unaged Tensile Strength	Min. 1.407 Kg/mm <sup>2</sup>
	Aging at 100°C for 168Hrs	Min. elongation retention:50% Min. tensile strength retention:85%

#### APPROVALS

UL/cUL Listed  
 ETL/3P Certified ANSI/TIA-568-C.2 Category 6 Testing Performance requirements.



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## Appendix C – Specifications provided by the client



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 No.8, Lane 97, Wugong Rd., Sinhuang City, Taipei County 24886 Taiwan  
 http://www.dintek.com.tw E-Mail : sales@ dintek.com.tw

### APPLICATIONS

1000BASE-TX Gigabit Ethernet	550MHz Broadband Video
10BASE-T, 100BASE-TX Fast Ethernet (IEEE 802.3)	Voice, T1, ISDN
100 VG – AnyLAN (IEEE802.12), 155/622 Mbps ATM	

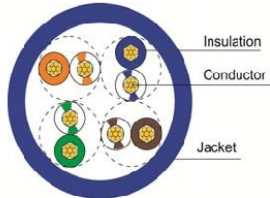
### ELECTRICAL PERFORMANCES

Dielectric Strength of Insulation		1200 V dc or 850 V ac / 2 seconds		
Insulation Resistance Test		Min. 5000 MΩ/m		
Conductor Resistance		Max. 11.26 Ω/100m at 20°C		
Resistance Unbalance		Max. 2%		
Capacitance Unbalance		Max. 160 pF/100m		
Mutual Capacitance		Max. 5600 pF/100m		
Impedance	1~100MHz	100Ω ± 15%		
	100~250MHz	100Ω ± 22%		
Attenuation & Near End Cross Talk	Frequency (MHz)	Max.Attenuation (dB/100 meters)	NEXT (dB), Min.	PSNEXT (dB), Min.
	1 MHz	2.4*	74.3*	72.3*
	4 MHz	4.5*	65.3*	63.3*
	10 MHz	7.1*	59.3*	57.3*
	16 MHz	9.1*	56.2*	54.2*
	20 MHz	10.2*	54.8*	52.8*
	31.25 MHz	12.8*	51.9*	49.9*
	62.5 MHz	18.5*	47.4*	45.4*
	100 MHz	23.8*	44.3*	42.3*
	200MHz	34.8*	39.8*	37.8*
	250MHz	39.4*	38.3*	36.3*

The asterisked (\*) value are for information only. The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the formula:  
 $NEXT(f \text{ MHz}) \geq NEXT(0.772) - 15 \log_{10}(f \text{ MHz} / 0.772) \text{ dB}$

### CONFIGURATION

orange 2	green 3
white/orange	white/green
blue 1	brown 4
white/blue	white/brown



This report is issued within the scope of A2LA accreditation #2765.01.

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