

|                                  |                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Codice articolo<br>Product code: | 2005081 – 2005082 – 2005083 – 2005084 – 2005085                                                                                                       |
| Descrizione<br>Description:      | PATCH CORD CCS CAT. 6A RJ45-RJ45 LSZH NON SCHERMATA - T568B - COLORE BIANCO<br>CCS LSZH CAT. 6A UNSHIELDED RJ45-RJ45 PATCH CORD - T568B – WHITE COLOR |



#### Descrizione

Bretella di collegamento CCS RJ45-RJ45 di categoria 6A non schermata con guaina colore bianco LSZH (Low Smoke Zero Halogen) e cappuccio colore blu.  
Idonea per applicazioni 10 Gigabit Ethernet (IEEE 802.3an).

#### Prestazioni

|                |                                                                                          |
|----------------|------------------------------------------------------------------------------------------|
| Certificazioni | Intertek<br>Categoria 6A Component level                                                 |
| Standards      | ISO/IEC 11801-1/2<br>EN 50173-1/2<br>ANSI/TIA-568.2-D<br>IEC 61935-2<br>IEC 60512-99-002 |

#### Caratteristiche costruttive

|                         |                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------|
| Tipo di spina           | Plug RJ45 Cat 6A con separatore interno                                                                |
| Contatti                | In lega di bronzo placcati oro 50 µm                                                                   |
| Materiale di isolamento | Termoplastico UL94V-0                                                                                  |
| Schema collegamento     | T568B                                                                                                  |
| Cavo                    | Cat. 6A U/FTP a 4 coppie bilanciate da 100 Ohm con conduttori in rame rosso flessibile AWG 26/7        |
| Guaina                  | LSZH                                                                                                   |
| Diametro                | 6 mm                                                                                                   |
| Colore                  | Cavo Bianco RAL 9018<br>Cappuccio Blu RAL 5015                                                         |
| Marchiatura cavo        | CCS by QUBIX Patch cable U/FTP LSZH 4P 26/7 AWG 100 OHM CAT. 6A ISO/IEC 11801 EN 50173 ASI/TIA 568.2-D |
| Identificazioni e loghi | Logo CCS sui plug                                                                                      |

#### Caratteristiche meccaniche

|                              |                |
|------------------------------|----------------|
| N° cicli di inserzione spine | Min. 750 cicli |
| Tenuta                       | 50N per 60 sec |

#### Condizioni di utilizzo e stoccaggio

|                           |                  |
|---------------------------|------------------|
| Temperatura di stoccaggio | Da -20°C a +60°C |
| Temperatura di lavoro     | Da 0°C a +50°C   |

#### Description

CAT 6A CCS RJ45-RJ45 unshielded patch cord, with white LSZH (Low Smoke Zero Halogen) outer jack and blue boot.  
Ideal for 10 Gigabit Ethernet applications (IEEE 802.3an).

#### Performance

|            |                                                                                          |
|------------|------------------------------------------------------------------------------------------|
| Compliance | Intertek<br>Category 6A Component level                                                  |
| Approvals  | ISO/IEC 11801-1/2<br>EN 50173-1/2<br>ANSI/TIA-568.2-D<br>IEC 61935-2<br>IEC 60512-99-002 |

#### Construction characteristics

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Plug type           | Cat 6A RJ45 plug with loading bar                                                                      |
| Contacts            | Phosphor bronze alloy gold plated 50µm                                                                 |
| Insulation material | UL94V-0 rated                                                                                          |
| Wiring scheme       | T568B                                                                                                  |
| Cable               | U/FTP CAT 6A, shielded 4-pair cable (100 Ohm), AWG 26/7 flex bare copper conductors                    |
| Jacket              | LSZH                                                                                                   |
| Diameter            | 6 mm                                                                                                   |
| Color               | Cable White RAL 9018<br>Boot Blue RAL 5015                                                             |
| Cable printing      | CCS by QUBIX Patch cable U/FTP LSZH 4P 26/7 AWG 100 OHM CAT. 6A ISO/IEC 11801 EN 50173 ASI/TIA 568.2-D |
| Logos               | CCS logo on plugs                                                                                      |

#### Mechanical properties

|                           |                 |
|---------------------------|-----------------|
| Insertion-extraction life | Min. 750 cycles |
| Retention                 | 50N for 60 sec  |

#### Environmental conditions

|                       |                     |
|-----------------------|---------------------|
| Storage temperature   | From -20°C to +60°C |
| Operating temperature | From 0°C to +50°C   |

|                                                |                                                                                                                                                                     |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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#### **Caratteristiche elettriche**

|                          |                        |
|--------------------------|------------------------|
| Resistenza di contatto   | Max. 20 mOhm           |
| Resistenza di isolamento | Min. 100 MOhm @100 Vdc |
| Corrente limite          | 2 A                    |
| Impedenza caratteristica | 100 ± 15 Ohm           |

#### **Electrical properties**

|                          |                        |
|--------------------------|------------------------|
| Contact resistance       | Max. 20 mOhm           |
| Insulation resistance    | Min. 100 MOhm @100 Vdc |
| Current rating           | 2 A                    |
| Characteristic impedance | 100 ± 15 Ohm           |

#### **Pezzature**

| Lunghezza | Codice  | Colore          |
|-----------|---------|-----------------|
| 0,5 mt    | 2005085 | Bianco RAL 9018 |
| 1 mt      | 2005081 | Bianco RAL 9018 |
| 2mt       | 2005082 | Bianco RAL 9018 |
| 3mt       | 2005083 | Bianco RAL 9018 |
| 5 mt      | 2005084 | Bianco RAL 9018 |

#### **Sizes**

| Length | Code    | Color          |
|--------|---------|----------------|
| 0,5 mt | 2005085 | White RAL 9018 |
| 1 mt   | 2005081 | White RAL 9018 |
| 2mt    | 2005082 | White RAL 9018 |
| 3mt    | 2005083 | White RAL 9018 |
| 5 mt   | 2005084 | White RAL 9018 |

#### **PROPRIETA' TRASMISSIVE / TRANSMISSION PROPERTIES**

| Freq        |          | 1  | 10   | 100 | 200 | 250 | 300  | 400  | 500 |
|-------------|----------|----|------|-----|-----|-----|------|------|-----|
| <b>NEXT</b> | min (dB) | 65 | 64   | 45  | 41  | 39  | 37   | 33   | 31  |
| <b>RL</b>   | min (dB) | -  | 22.8 | 18  | 15  | 14  | 12.8 | 10.9 | 9.5 |

#### **CONFEZIONAMENTO / PACKAGING**



Blister in cartone con 2 patch cord CCS RJ45-RJ45 Cat 6<sub>A</sub> non schermate per la versione da 0,50 mt

Paper blister with 2 CCS RJ45-RJ45 Cat 6<sub>A</sub> unshielded patch cord for 0,50 mt version

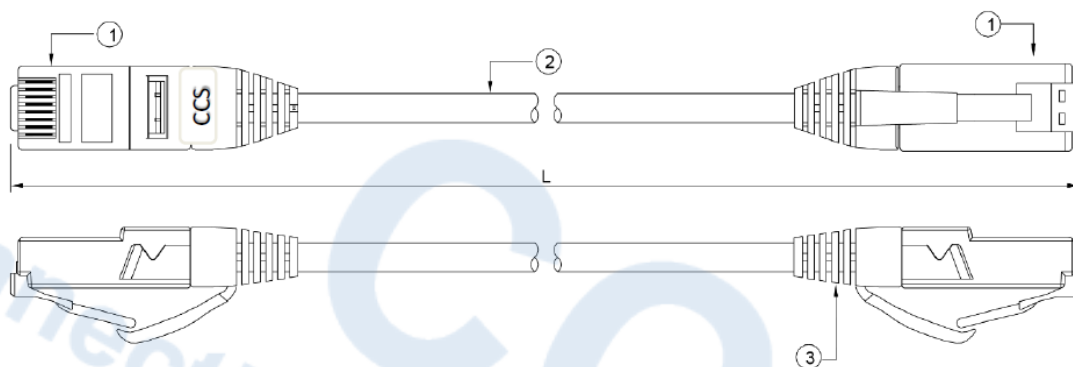


Cartone di protezione con 1 patch cord CCS RJ45-RJ45 Cat 6<sub>A</sub> non schermate per le versioni da 1 a 5 mt

Protection cardboard with 1 CCS RJ45-RJ45 Cat 6<sub>A</sub> unshielded patch cord for 1 to 5 m versions

|                                  |                                                                                                                                                       |
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**DISEGNO TECNICO/TECHNICAL DRAWINGS**



| PIN OUT |       |     |                               |
|---------|-------|-----|-------------------------------|
| CN1     |       | CN2 | COLOR/COLORE                  |
| 1       | _____ | 1   | White/Orange - Bianco/Arancio |
| 2       | _____ | 2   | Orange - Arancio              |
| 3       | _____ | 3   | White/Green - Bianco/Verde    |
| 4       | _____ | 4   | Blue - Blu                    |
| 5       | _____ | 5   | White/Blue - Bianco/Blu       |
| 6       | _____ | 6   | Green - Verde                 |
| 7       | _____ | 7   | White/Brown - Bianco/Marrone  |
| 8       | _____ | 8   | Brown - Marrone               |

| No# | Description/Descrizione |                                                                                                                                         |
|-----|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Plug                    | RJ45 Cat 6A, 8 contacts gold plated                                                                                                     |
|     |                         | RJ45 Cat 6A, 8 contatti placcati oro                                                                                                    |
| 2   | Cable                   | U/FTP CAT 6A, shielded 4-pair cable (100 Ohm), AWG 26/7 flex bare copper conductors, LSZH jacket, RAL 9018 white color                  |
|     | Cavo                    | Cat. 6A U/FTP a 4 coppie bilanciate da 100 Ohm con conduttori in rame rosso flessibile AWG 26/7, guaina in LSZH, colore bianco RAL 9018 |
| 3   | Boot                    | PC UL94V-0, RAL 9015 blue color                                                                                                         |
|     |                         | PC UL94V-0, colore blu RAL 5015                                                                                                         |