

|                                                |                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Codice articolo</b><br><b>Product code:</b> | <b>2005045 – 2005046 – 2005047 – 2005048</b>                                                                                                                       |
| <b>Descrizione</b><br><b>Description:</b>      | <b>PATCH CORD CCS CAT. 5E RJ45-RJ45 NON SCHERMATE U/UTP - T568B - COLORE ROSSO</b><br><b>CCS CAT. 5E UNSHIELDED U/UTP RJ45-RJ45 PATCH CORD - T568B – RED COLOR</b> |



#### **Descrizione**

Bretella di collegamento CCS RJ45-RJ45 di categoria 5E non schermata di colore rosso con clips colorate intercambiabili.  
Idonea per applicazioni Gigabit Ethernet (IEEE 802.3ab).

#### **Description**

CAT 5E CCS RJ45-RJ45 unshielded patch cord, with red cable and interchangeable colored clips.  
Ideal for Gigabit Ethernet applications (IEEE 802.3ab).

#### **Prestazioni**

|            |                                                               |
|------------|---------------------------------------------------------------|
| Conformità | Categoria 5E – Classe D                                       |
| Standards  | ISO/IEC 11801-1/2:2017<br>EN 50173-1:2011<br>ANSI/TIA-568-C.2 |

#### **Performance**

|            |                                                               |
|------------|---------------------------------------------------------------|
| Compliance | Category 5E - Class D                                         |
| Approvals  | ISO/IEC 11801-1/2:2017<br>EN 50173-1:2011<br>ANSI/TIA-568-C.2 |

#### **Caratteristiche costruttive**

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| Tipo di spina           | Plug RJ45 Cat 5E                                                                                      |
| Contatti                | In lega di bronzo placcati oro 50 µm                                                                  |
| Materiale di isolamento | Termoplastico ad alta resistenza meccanica, ritardante la fiamma tipo UL94V-0                         |
| Schema collegamento     | T568B                                                                                                 |
| Cavo                    | Cat. 5E U/UTP a 4 coppie bilanciate da 100 Ohm con conduttori in rame rosso flessibile AWG 24/7       |
| Guaina                  | PVC                                                                                                   |
| Diametro                | 5,3 mm                                                                                                |
| Colore                  | Rosso RAL 3001                                                                                        |
| Marchiatura cavo        | QUBIX by CCS Patch cable U/UTP PVC 4P 24/7AWG 100 OHM CAT. 5E ISO/IEC 11801 EN 50173 ANSI/TIA 568-C.2 |
| Identificazioni e loghi | Logo CCS sui plug                                                                                     |

#### **Construction characteristics**

|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Plug type           | Cat 5E RJ45 plug                                                                                      |
| Contacts            | Phosphor bronze alloy plated with 50µm of gold                                                        |
| Insulation material | Polycarbonate, high-impact, flame retardant plastic, UL94V-0 rated                                    |
| Wiring scheme       | T568B                                                                                                 |
| Cable               | U/UTP CAT5E, unshielded 4-pair cable (100 Ohm), AWG 24/7 flex bare copper conductors                  |
| Jacket              | PVC                                                                                                   |
| Diameter            | 5,3 mm                                                                                                |
| Color               | Red RAL 3001                                                                                          |
| Cable printing      | QUBIX by CCS Patch cable U/UTP PVC 4P 24/7AWG 100 OHM CAT. 5E ISO/IEC 11801 EN 50173 ANSI/TIA 568-C.2 |
| Logos               | CCS logo on plugs                                                                                     |

#### **Caratteristiche meccaniche**

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

#### **Mechanical properties**

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

#### **Condizioni di utilizzo e stoccaggio**

|                           |                              |
|---------------------------|------------------------------|
| Temperatura di stoccaggio | Da -40°C a +70°C             |
| Temperatura di lavoro     | Da -10°C a +60°C             |
| Umidità relativa          | Max. 93% senza condensazione |

#### **Environmental conditions**

|                       |                            |
|-----------------------|----------------------------|
| Storage temperature   | From -40°C to +70°C        |
| Operating temperature | From -10°C to +60°C        |
| Relative humidity     | Maximum non-condensing 93% |

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

|                          |                        |
|--------------------------|------------------------|
| Resistenza di contatto   | Max. 20 mOhm           |
| Resistenza di isolamento | Min. 500 MOhm @100 Vdc |
| Corrente limite          | 1,5 A                  |
| Impedenza caratteristica | 100 Ohm                |

#### **Electrical properties**

|                          |                        |
|--------------------------|------------------------|
| Contact resistance       | Max. 20 mOhm           |
| Insulation resistance    | Min. 500 MOhm @100 Vdc |
| Current rating           | 1,5 A                  |
| Characteristic impedance | 100 Ohm                |

#### **Pezzature**

| Lunghezza | Codice  | Colore         |
|-----------|---------|----------------|
| 1 mt      | 2005045 | Rosso RAL 3001 |
| 2 mt      | 2005046 | Rosso RAL 3001 |
| 3 mt      | 2005047 | Rosso RAL 3001 |
| 5 mt      | 2005048 | Rosso RAL 3001 |

#### **Sizes**

| Length | Code    | Color        |
|--------|---------|--------------|
| 1 mt   | 2005045 | Red RAL 3001 |
| 2 mt   | 2005046 | Red RAL 3001 |
| 3 mt   | 2005047 | Red RAL 3001 |
| 5 mt   | 2005048 | Red RAL 3001 |

#### **Confezionamento**

|                         |                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Confezione sacchetto PE | 210x210 mm – 1pz                                                                                                                                |
| Ogni confezione include | - 1 patch cord CCS RJ45-RJ45 U/UTP Cat 5E<br>- 2 clips grigie intercambiabili già montate sulla patch cord<br>- 2 clips blu<br>- 2 clips grigie |

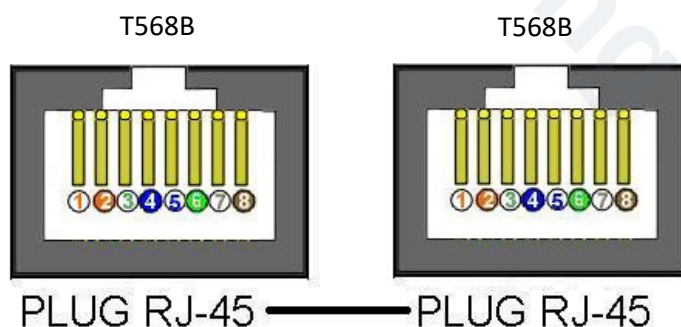
#### **Packaging**

|                       |                                                                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Packing PE bag        | 210x210 mm – 1pz                                                                                                                                  |
| Each package includes | - 1 CCS Cat 5E RJ45-RJ45 U/UTP patch cord<br>- 2 interchangeable gray clips already mounted on the patch cord<br>- 2 blue clips<br>- 2 grey clips |

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

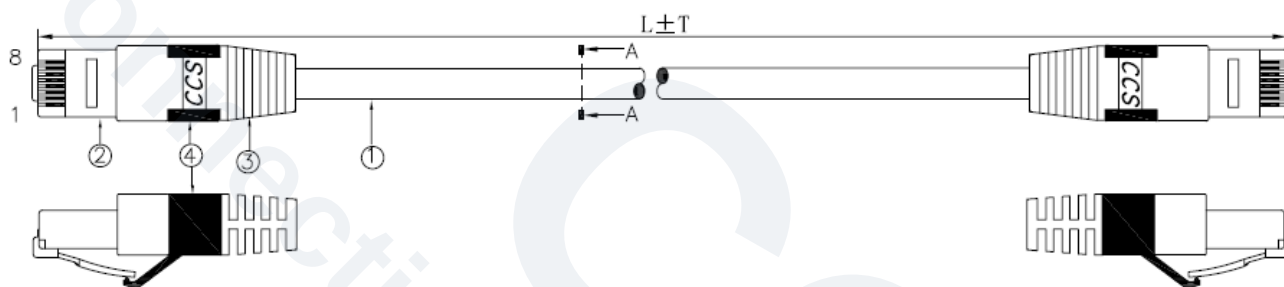
| Freq           |          | 1    | 4    | 10   | 16   | 20   | 31.25 | 62.5 | 100  |
|----------------|----------|------|------|------|------|------|-------|------|------|
| <b>NEXT</b>    | min (dB) | 65   | 56.3 | 50.3 | 47.3 | 45.8 | 42.9  | 38.4 | 35.3 |
| <b>PS-NEXT</b> | min (dB) | 62.3 | 53.3 | 47.3 | 44.2 | 42.8 | 39.9  | 35.4 | 32.3 |
| <b>RL</b>      | min (dB) | -    | 23   | 23   | 23   | 23   | 23    | 23   | 23   |

#### **SCHEMA COLLEGAMENTO/WIRING DIAGRAM**



|                                  |                                                                                                                                                      |
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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   | Cable                   | U/UTP CAT5E, shielded 4-pair cable (100 Ohm), AWG 24/7 flex bare copper conductors, PVC jacket, red color                    |
|     | Cavo                    | Cat. 5E U/UTP a 4 coppie bilanciate da 100 Ohm con conduttori in rame rosso flessibile AWG 24/7, guaina in PVC, colore rosso |
| 2   | Plug                    | RJ45 Cat 5E, 8 contacts gold plated<br>RJ45 Cat 5E, 8 contatti placcati oro                                                  |
| 3   | Boot                    | Molded PVC<br>PVC stampato                                                                                                   |
| 4   | Clip                    | Interchangeable, grey, blue and red coloured<br>Intercambiabili di colore grigio, blu e rosso                                |