

## DualBoot RJ45 PP FRNC Cat.6A orange 10m



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 09 48 888 8592 100                                                                  |
| Specification      | DualBoot RJ45 PP FRNC Cat.6A orange 10m                                             |
| HARTING eCatalogue | <a href="https://harting.com/09488888592100">https://harting.com/09488888592100</a> |

### Identification

|               |                                   |
|---------------|-----------------------------------|
| Category      | System cabling                    |
| Series        | RJ45                              |
| Element       | Cable assemblies                  |
| Specification | Pre-assembled on both sides       |
| Connector 1   | HARTING DualBoot RJ45<br>PushPull |
| Connector 2   | HARTING DualBoot RJ45<br>PushPull |
| Type of cable | Copper cable (round)              |

### Version

|                 |                   |
|-----------------|-------------------|
| Cable length    | 10 m              |
| Number of cores | 8                 |
| Core structure  | 4x 2 Twisted Pair |
| Locking type    | PushPull          |

### Technical characteristics

|                              |                                            |
|------------------------------|--------------------------------------------|
| Transmission characteristics | Cat. 6A Class E <sub>A</sub> up to 500 MHz |
| Data rate                    | 10 Mbit/s                                  |
|                              | 100 Mbit/s                                 |
|                              | 1 Gbit/s                                   |
|                              | 2.5 Gbit/s                                 |
|                              | 5 Gbit/s                                   |
|                              | 10 Gbit/s                                  |
| Loop resistance              | 290 Ω/km                                   |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| Limiting temperature                   | -25 ... +60 °C unmoved<br>0 ... +50 °C moved |
| Degree of protection acc. to IEC 60529 | IP20                                         |
| Insulation resistance @ 20 °C          | ≥5,000 MΩ x km                               |
| Impedance @ 100 MHz                    | 100 Ω ±3 %                                   |

## Material properties

|                                      |                                                                      |
|--------------------------------------|----------------------------------------------------------------------|
| Material (cable)                     | FRNC (LSZH)                                                          |
| Colour (cable)                       | Orange                                                               |
| RoHS                                 | compliant                                                            |
| ELV status                           | compliant                                                            |
| China RoHS                           | e                                                                    |
| REACH Annex XVII substances          | Not contained                                                        |
| REACH ANNEX XIV substances           | Not contained                                                        |
| REACH SVHC substances                | Yes                                                                  |
| REACH SVHC substances                | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV 329) |
| California Proposition 65 substances | Not contained                                                        |

## Specifications and approvals

|                |                                                                  |
|----------------|------------------------------------------------------------------|
| Specifications | ISO/IEC 11801<br>EN 50173-1<br>TIA/EIA 568-C.2<br>IEC 60332-3-24 |
|----------------|------------------------------------------------------------------|

## Commercial data

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Packaging size                 | 1                                       |
| Net weight                     | 407.38 g                                |
| Country of origin              | Latvia                                  |
| European customs tariff number | 85444290                                |
| GTIN                           | 5713140068452                           |
| eCl@ss                         | 27060308 Patch cord copper (data cable) |
| UNSPSC 24.0                    | 26121609                                |