



Pushing Performance  
Since 1945

# DualBoot RJ45 FRNC Cat.6A green 2,1m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 09 48 878 7588 021                                                                  |
| Specification      | DualBoot RJ45 FRNC Cat.6A green 2,1m                                                |
| HARTING eCatalogue | <a href="https://harting.com/09488787588021">https://harting.com/09488787588021</a> |

## Identification

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

## Version

|                 |                   |
|-----------------|-------------------|
| Cable length    | 2.1 m             |
| Number of cores | 8                 |
| Core structure  | 4x 2 Twisted Pair |

## 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                                   |
| Limiting temperature          | -25 ... +60 °C unmoved                     |
|                               | -0 ... +50 °C moved                        |
| Insulation resistance @ 20 °C | ≥5,000 MΩ x km                             |



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Impedance @ 100 MHz 100  $\Omega$   $\pm$ 3 %

## Material properties

|                                      |                                                                      |
|--------------------------------------|----------------------------------------------------------------------|
| Material (cable)                     | FRNC (LSZH)                                                          |
| Colour (cable)                       | Green                                                                |
| 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   |
|                | EN 50173-1      |
|                | TIA/EIA 568-C.2 |
|                | IEC 60332-3-24  |

## Commercial data

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Packaging size                 | 1                                       |
| Net weight                     | 95 g                                    |
| Country of origin              | Latvia                                  |
| European customs tariff number | 85444290                                |
| GTIN                           | 5713140393103                           |
| eCl@ss                         | 27060308 Patch cord copper (data cable) |
| UNSPSC 24.0                    | 26121609                                |