



Product: [H225U01](#)

CROSS CONNECT WIRE 2x0.5MM PVC

Product Description

CROSS CONNECT WIRE 2x0.5MM PVC - N65

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | For use as intra of inter-rack cabling for telecommunication systems; Indoor use only |
|------------------------|---|

Physical Characteristics (Overall)

Conductor

| Stranding | Material | Nominal Diameter | Diameter +/- Tolerance |
|-----------|--------------------|------------------|------------------------|
| Solid | TC - Tinned Copper | 0.5 mm | 0.02 mm |

| | |
|------------------------|---|
| Conductor Count: | 2 |
| Total Number of Pairs: | 1 |

Insulation

| Layer | Material | Nominal Diameter | Diameter +/- Tolerance | Min. Wall Thickness |
|-------|--------------------------|------------------|------------------------|---------------------|
| 1 | PVC - Polyvinyl Chloride | 0.93 mm | 0.05 mm | 0.15 mm |
| 2 | Nylon | 1.13 mm | 0.05 mm | 0.06 mm |

Outer Shield

| |
|-----------------|
| Material |
| No Shield |

Outer Jacket

| |
|--------------------------|
| Material |
| PVC - Polyvinyl Chloride |

Construction and Dimensions

| | |
|-----------------------------------|-------|
| Min Elongation at Breakof Jacket: | 125 % |
| Min Tensile Strength of Jacket: | 9 MPa |

Electrical Characteristics

Conductor DCR

| | |
|----------------------------|--------------|
| Max. Conductor DCR | |
| 92 Ohm/km | |
| Min Insulation Resistance: | 1000 MOhm*km |

Temperature Range

| | |
|------------------------------|----------------|
| Installation Temp Rating: | -5 °C |
| Storage Temperature Range: | -40°C to +70°C |
| Operating Temperature Range: | -25°C To +70°C |
| Other Temp Range: | -25-+70 °C |

Mechanical Characteristics

Min Bend Radius (W/o Pulling Strength): 25 mm

Applicable Environmental and Other Programs

Environmental Space: Indoor

Flammability, LS0H, Toxicity Testing

Other Flammability: N65

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | EAN |
|----------------|-----------------------|-------------|--------|---------------|
| H225U01.00B200 | Blue and White Pair | Flat Box | 200 m | 8719605088017 |
| H225U01.00C400 | Blue and White Pair | Flat Box | 400 m | 8719605088024 |
| H225U01.01B200 | Yellow and White Pair | Flat Box | 200 m | 8719605088031 |

History

Update and Revision: Revision Number: 0.113 Revision Date: 04-08-2022

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