



Part Number: 70040

MICROPHONECABLE 1PR AWG24

Product Description

MICROPHONECABLE 1PR AWG24/0.22mm²

Technical Specifications

Product Overview

| | |
|------------------------|------------------|
| Environmental Space: | Indoor |
| Suitable Applications: | Microphone cable |

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Construction n x D |
|-----|-----------|--------------------------------|--------------------|
| 24 | 32x38 | BOFC - Bare Oxygen free Copper | 32x0.10 mm |

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

Insulation

| Type | Material | Nominal Diameter | Diameter +/- Tolerance |
|------------|--------------|------------------|------------------------|
| Insulation | Polyethylene | 1.45 mm | 0.05 mm |

Color Chart

| Number | Color |
|--------|-------|
| Wire 1 | Red |
| Wire 2 | Blue |

Color Chart 2

| Color |
|------------------------|
| Black |
| Red (like RAL 3001) |
| Yellow (like RAL 1003) |
| Green (like RAL 6029) |
| Blue (like RAL 5005) |
| Gray (like RAL 7000) |

| | |
|---------------------------|-------------------------------|
| Color Chart2, Table Note: | Possible color of outerjacket |
|---------------------------|-------------------------------|

Outer Shield Material

| Type | Material | Min. Coverage [%] |
|-------|------------------|-------------------|
| Serve | BC - Bare Copper | 90 % |

Outer Jacket Material

| Material | Nominal Diameter | Diameter +/- Tolerance |
|--------------------------------|------------------|------------------------|
| Flexible PVC with matte finish | 6.10 mm | 0.20 mm |

Construction and Dimensions

Cabling

| Description | Filler |
|-----------------------------|------------------|
| 2 fillers + 2 wires twisted | Cotton yarn (2x) |

Electrical Characteristics

Conductor DCR

| Max. Conductor DCR |
|--------------------|
| 78 Ohm/km |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Shield |
|---|--------------------------------------|
| 60 pF/m | 110 pF/m |

Temperature Range

| | |
|---------------------------------------|----------------|
| Storage Temp Range: | -15°C To +60°C |
| Operating Temp Range (Fixed Install): | -5°C To +60°C |

Mechanical Characteristics

| | |
|--------------------------------------|-------|
| Min Bend Radius During Installation: | 61 mm |
|--------------------------------------|-------|

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------|
| EU RoHS Compliance Date (yyyy-mm-dd): | 2018-03-23 |
|---------------------------------------|------------|

Part Number

Variants

| Item # | Color | Length |
|--------------|-------|---------|
| 70040.00100 | Black | 100 m |
| 70040.00500 | Black | 500 m |
| 70040.001000 | Black | 1,000 m |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.122 Revision Date: 08-22-2019 |
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