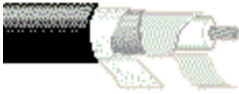


Product: [9395](#) 

Microphone Cable, 1 Conductor 18 AWG, TC



Product Description

18 AWG stranded (41x34) high-conductivity TC conductor, EPDM rubber insulation, conductive textile (100%) plus TC spiral shields (70% coverage), paper tape, CPE jacket.

Technical Specifications

Physical Characteristics (Overall)

| Conductor | | | | |
|------------------|-----------|--|------------------|-------------|
| AWG | Stranding | Material | Nominal Diameter | No. of Coax |
| 18 | 41x34 | TC - Tinned Copper (High Conductivity) | 0.047 in | 1 |
| Conductor Count: | | | 1 | |

| Insulation | |
|---|------------------|
| Material | Nominal Diameter |
| EPDM - Ethylene Propylene Diene Monomer | 0.137 in |

| Outer Shield | | | |
|-----------------------|-------|----------------------|--------------|
| Type | Layer | Material | Coverage [%] |
| Spiral Serve / Screen | 1 | Textile (Conductive) | 100% |
| Spiral Serve / Screen | 2 | Tinned Copper (TC) | 70% |
| Tape | 3 | | 100% |

| Outer Jacket | | | |
|--------------|------------------|------------------------|--------------------|
| Material | Nominal Diameter | Nominal Wall Thickness | Separator Material |
| Neoprene | 0.235 in | 0.034 in | Paper Tape |

Electrical Characteristics

| Conductor DCR | | | | |
|-----------------------|-----------------------|----------------------|--------------------------|---------------------|
| Nominal Conductor DCR | Nominal Conductor DCR | Conductor Resistance | Nominal Outer Shield DCR | Outer Conductor DCR |
| 6.5 Ohm/1000ft | 6.5 Ohm/1000ft | | 11.3 Ohm/1000ft | 11.3 Ohm/1000ft |

| Capacitance |
|--------------------------------------|
| Nom. Capacitance Conductor to Shield |
| 55 pF/ft |

| Impedance |
|----------------------------------|
| Nominal Characteristic Impedance |
| 35 Ohm |

| Delay |
|--|
| Nominal Velocity of Propagation (VP) [%] |
| 62% |

| Current |
|------------------------------|
| Max. Recommended Current [A] |

6 Amps per Conductor at 25°C

Voltage

| Non-UL Voltage Rating |
|-----------------------|
| 300 V RMS |

Temperature Range

| | |
|------------------------------|----------------|
| Non-UL Temp Rating: | 60°C |
| Operating Temperature Range: | -30°C To +60°C |

Mechanical Characteristics

| | |
|------------------------------|---------------|
| Bulk Cable Weight: | 35 lbs/1000ft |
| Max. Pull Tension: | 36 lbs |
| Min. Bend Radius/Minor Axis: | 2.5 in |

Applicable Environmental and Other Programs

| | |
|--|-------------------------------|
| Environmental Space: | Indoor (Not Riser or Plenum) |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| MIL Order #39 (China RoHS): | Yes |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Flammability, LSOH, Toxicity Testing

| | |
|------------------|------|
| UL Flammability: | VW-1 |
|------------------|------|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|--------------|-------|-------------|----------|--------------|
| 9395 0101000 | Black | Reel | 1,000 ft | 612825358633 |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.372 Revision Date: 04-08-2022 |
|----------------------|--|

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