



Product Code: 8320

Electronic, 3 Conductor, 20 AWG, TC, PE Ins, OS, PVC Jacket, CM

Product Description

Electronic, 3 Conductor 20 AWG, Tinned Copper, Polyethylene Insulation, Overall Shield,, Polyvinyl Chloride Outer Jacket, CM

TECHNICAL SPECIFICATION

Suitable Application Digital Control (24V) & Instrumentation , communication, panel wiring

Conductor

| | |
|----------------|---------------|
| Element | Conductor(s) |
| No. of Element | 3 |
| Size | 20 AWG |
| Stranding | 7X28 |
| Material | Tinned Copper |

Insulation

| | |
|-------------------------------|-------------------|
| Element | Conductor(s) |
| Material | Polyethylene |
| Nom. Insulation Diameter (mm) | 1.8 |
| Color Code | Black, Clear, Red |

Cabling 3 wires

Outer Shield

| | |
|----------------|-----------------------|
| Shield Type | Tape |
| Material | Al PET shield |
| Coverage | >=115% |
| Drainwire Type | 20 AWG, Tinned Copper |

Outer Jacket

| | |
|------------------------|--------|
| Material | CM PVC |
| Nominal Thickness (mm) | 0.84 |
| Nominal Diameter (mm) | 5.54 |

ELECTRICAL CHARACTERISTICS

Electrical

| | |
|----------------------------|----------------|
| Element | Conductor(s) |
| Nom Conductor DCR | 11.1 Ohm/305 m |
| Nom Capacitance Con to Con | 89 pF/m |
| Voltage | 300V |

MECHANICAL CHARACTERISTICS

| | |
|-----------------------|----------------|
| Operating Temperature | -20°C to +60°C |
| Bend Radius Min (mm) | 56.0 |
| Max Pull Tension | 22.9 kg |
| Bulk Cable Weight | 13 kg/305 m |

STANDARDS & COMPLIANCE

Reaction to Fire: UL 1666 Riser: IEC 60332-1-2

UL Compliance: CM

RoHS2(2011/65/EU Compliant)

UL Number: E535337

Disclaimer

@2023 CHH Conex all rights reserved

All Rights Reserved. Although CHH make every reasonable effort to ensure their accuracy all the time of this publication information and specification prescribed herein are subject to error or omission to changes without notice and all listing or such information and specifications does not ensure product availability.

