



Product Code: 8318

Electronic, 3 Conductor, 18 AWG, TC, HDPE Ins, OS, PVC Jkt, CM

Product Description

Electronic, 3 Conductor 18 AWG, Tinned Copper, High Density Polyethylene Insulation, Shielded, Polyvinyl Chloride Outer Jacket, CM

TECHNICAL SPECIFICATION

Suitable Application Multi-Conductor-Audio, Control and instrumentation Cable

Conductor

Element	Conductor(s)
No. of Element	3
Size	18 AWG
Stranding	16x30
Material	Tinned Copper

Outer Shield

Shield Type	Tape
Material	Al Pet shield
Coverage	>=115%
Drainwire Type	20 AWG Tinned Copper

Insulation

Element	Conductor(s)
Material	HDPE-High Density Polyethylene
Nom. Insulation Diameter (mm)	2.10±0.15x3C
Color Code	Black, Red, Clear

Outer Jacket

Material	CM PVC
Nominal Thickness (mm)	0.84
Nominal Diameter (mm)	6.25±0.10

ELECTRICAL CHARACTERISTICS

Electrical

Element	Conductor(s)
Max Cond DC Resistance at 20°C(Ω/km)	<23.7
Min Ins. DC Resistance at 20°C(MΩ*km)	>200
Voltage	300V

MECHANICAL CHARACTERISTICS

Rated Temperature	80°C
Operating Temperature	-20°C to +80°C
Bend Radius Min (mm)	4.1
Max Pull Tension	34 kg

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.

