

Technical Data Sheet 07/11/2016 Y63384 Rev. 0

General Description:

18 AWG stranded (16x30) tinned copper conductors, PVC insulation, 2 conductors, PVC jacket.

Physical Characteristics (Overall):

-# Conductors 2
-AWG 18
-Stranding 16x30

-Conductor Material TC - Tinned Copper

-Insulation Material PVC - Polyvinyl Chloride

-Insulation Wall Thickness .016"

-Outer Shield Material Unshielded

-Outer Jacket Material PVC - Polyvinyl Chloride

-Outer Jacket Thickness .0325"

-Overall Nominal Diameter .223"

-Pair Color Code Black, Red

Mechanical Characteristics (Overall):

-Operating Temperature Range -20°C To +105°C

-Max. Recommended Pulling Tension 40 lbs.
-Min. Bend Radius/Minor Axis 2.2"

Applicable Specifications and Agency Compliance (Overall):

-NEC/(UL) Specification CMG -C/(UL) Flame Test FT4

Electrical Characteristics (Overall):

-Nom. Conductor DC Resistance 5.86 Ohm/1000 ft @ 20°C

-Max Operating Voltage 300 V RMS

600 V RMS (C(UL) AWM I/II, A/B)

-Max Recommended Current 4.8 Amps/Conductor @ 25°C

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