

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