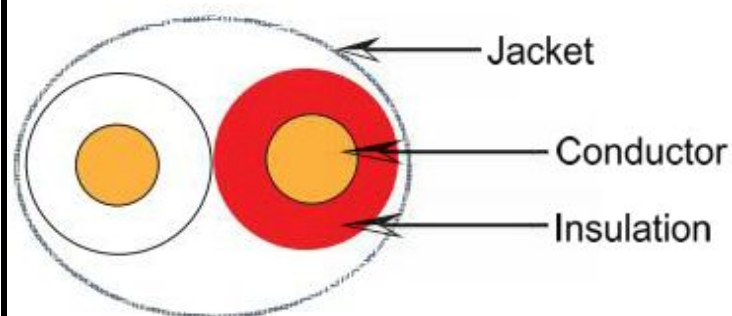




19AWG 2Conductor Security-Alarm Cable Solid Specification

2Cx0.9MM

Cross Section



Performance

Electrical Characteristics:

Conductor DC Resistance 20oC (ohms/km)	21.4
Proof voltage	Min AC1.5KV
AC Leakage Current Through overall	AC 1500V \leq 10mA
Jacket	< 9.8 nF//100M

Description

Rated Temperature (oC)	75
Rated Voltage(V)	300

Regulatory

UL 444 & UL 13 NEC Article 760 & NEC Article
C(ETL)US, Rohs Compliant
EU RoHS 2011/65/EU Compliant

Application

Class 2 Power Limited Circuit Cable - Thermostat controls, HVAC, Doorbells, and other low voltage applications.

Construction

Conductor	Solid Bare Copper
AWG	19AWG X 2C
Conductor Dia. (\pm 0.004mm)	0.9mm
Insulation	PE
Average Thickness(mm)	0.260mm
Min. Point Thickness(mm)	0.239mm
Insulation Dia. (\pm 0.05mm)	1.42mm
Colors	White & Red
Jacket	PVC
Average Thickness(mm)	0.50mm
Min. Point Thickness(mm)	0.45mm
Outer Dia. (\pm 0.1mm)	2.65*3.7mm
Rip Cord	Nylon
Color: Blue, Black, White, Green, Gray, Red, Yellow, Orange, Pink, Purple	

Marking:

NHTD CABLE 2C X 0.9MM SOLID COPPER HDPE - PVC
XXXM
(SEQUENTIAL FOOT MARKERS ON JACKET)

Package

100M ROLL

Mechanical Characteristics:

insulation

Aging before elongation (%)	\geq 150
Tensile strength before aging	16.5 Mpa
ageing condition	(100°C 168h)
After aging biggest elongation rate (%)	\geq 150
Tensile strength after aging	14.2 Mpa

jacket

Aging before elongation (%)	\geq 150
Tensile strength before aging	13.8 Mpa
ageing condition	(100°C 168h)
After aging biggest elongation rate (%)	\geq 150
Tensile strength after aging	11.7 Mpa

Cold Bend Test	-20°C 4hours No Cracking
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