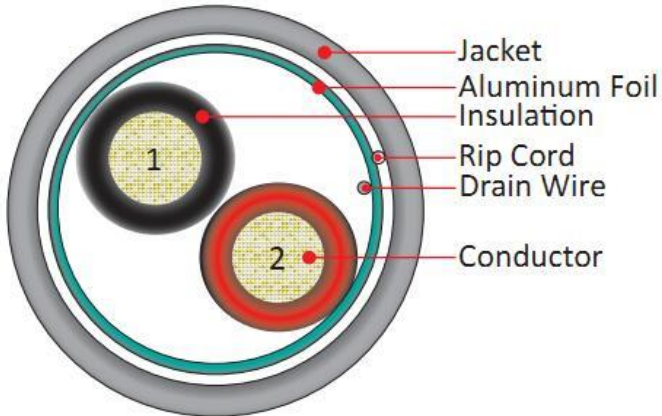


2C/18 AWG Security Cable SPEC

CODE : 16024NH01

Cross Section



Regulatory

cETLus&UL1424& & UL 13、 NEC Article 760 & NEC Article 725Type (UL) CMR/CL3R or c(UL) FT4
EU RoHS 2011/65/EU Compliant

Application

Intercom Systems, Security Systems, Sound and Audio, Power Limited Control Circuits, Indoor Applications, Door Controllers, Key Pads, Smoke Detectors.

Construction

Conductor	Stranded Bare Copper
AWG	18AWG X 2C
Conductor Dia. (±0.004mm)	16/0.254MM
Insulation	SR-PVC
Average Thickness(mm)	0,350
Min. Point Thickness(mm)	0,340
Insulation Dia.(±0.05mm)	1.60MM
Colors	Black & Red
Drain wire (TC) Dia.(±0.003mm)	7/0.2MM
Al Foil Shield	Yes
Jacket	PVC-CMR
Average Thickness(mm)	0,35
Min. Point Thickness(mm)	0,30
Outer Dia.(±0.1mm)	4.40MM
Rip Cord	Nylon
Color	Per request

Marking:

**NHTD SECURITY CABLE (CMR) 18AWG
2 CONDUCTOR c(ETL)us VERIFIED RoHS XXXM**

Package

305M / 1000FT Wooden Spool

Performance

Electrical Characteristics:

Conductor DC Resistance 20oC (ohms/km)	9,2
proof voltage	Min AC1.5KV
AC Leakage Current Through overall Jacket	AC 1500V □10mA < 11.2nF/100M

Description

Rated Temperature (°C)	75
Rated Voltage(V)	300

Mechanical Characteristics:

Insulation

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

Jacket

Aging before elongation (%)	≥150
Tensile strength before aging	13.8 Mpa
ageing condition	(100°C 168h)
After aging biggest elongation rate (%)	≥150
Tensile strength after aging	11.7 Mpa
Cold Bend Test	-20°C 4hours No Cracking