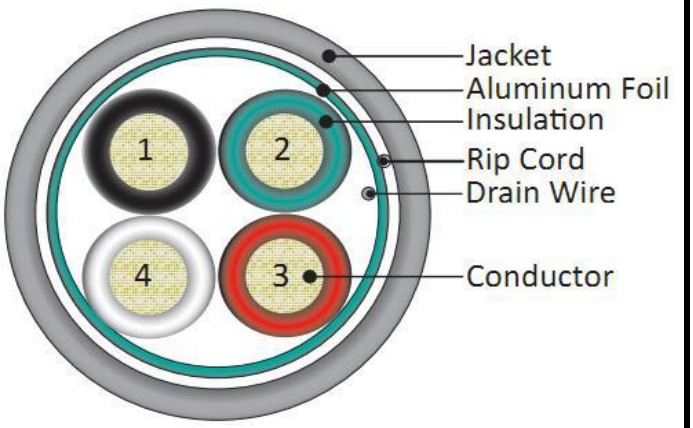
4C 16 AWG Security Alarm SHIELDED CABLE SPEC

CODE：16027NH

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	16AWG X 4C
Conductor Dia. (±0.004mm)	**26/0.254MM**
Insulation	**SR-PVC**
Average Thickness(mm)	0.260
Min. Point Thickness(mm)	0.240
Insulation Dia.(±0.05mm)	**1.99MM**
Colors	Black & Red & Green & White
Drain wire (TC) Dia.(±0.003mm)	7/0.2MM
Al Foil Shield	Yes
Jacket	**PVC-CMR**
Average Thickness(mm)	0.44
Min. Point Thickness(mm)	0.40
Outer Dia.(±0.1mm)	**6.7MM**
Rip Cord	Nylon
Color	Per request

Marking:

NHTD SECURITY CABLE (CMR) 16AWG
4 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	AC 1500V 10mA
Jacket	< 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℃ 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℃ 168h)
After aging biggest elongation rate (%)	≥150
Tensile strength after aging	11.7 Mpa
Cold Bend Test	-20℃ 4hours No Cracking