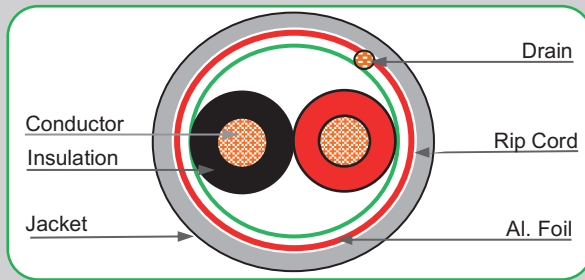


## 16 AWG Screened Multi-Conductor Cable



Screened Multi-Conductor Cable suitable for Audio, Control, Instrumentation and Building Management Systems (BMS) & Security Systems

Length Available – 305 Meters & above upon request

### DESIGN:

#### Conductor:

N x Bare Copper wire, 16 AWG flexible

#### Insulation - Polyolefin

Core1: Black | Core2: Red | Core3 : White | Core4: Green  
Core5: Brown | Core6: Blue | Core7: Orange | Core8: Yellow

Rip Cord : Nylon Yarn

Screen : Aluminum / Polyester Tape

Drained Wire : Tinned Copper wire

Sheath & Color: PVC / LSZH & Standard Grey



### Physical Characteristics

No. of Cores x 16 AWG	2	4	6	8
Nom. Diameter Conductor	1.45 mm			
Nom. Insulation Thickness	0.2 mm			
Nom. Radial Thickness	0.35mm			
Screen Coverage %	113			
Drain Wire Size	7/0.203mm, TC			
Nom. Overall Diameter (mm)	4.6	5.3	6.8	7.6
Temperature Rating in "C"	-25~75°C			
Max. Recommended Pulling Tension (N)	262	520	780	1040
Nom. Cable Weight (kg/km)	37	63	91	120

### Electrical Characteristics

No. of Cores x 16 AWG	2	4	6	8
Max. DC Resistance Conductor ( $\Omega$ /km)	15.47			
Max. DC Resistance Screen ( $\Omega$ /km)	78.5			
Capacitance Conductor to Cconductor (pF/m)	105	90	80	80
Capacitance Cond. to other cond.+screen (pF/m)	185	185	160	160
Nominal Inductance ( $\mu$ H/m)	0.5			
Max. Recommended Current at 25°C (Amps)	6.25	4.95	4.35	4.35
Max. Operating Voltage (Vrms)	300			

### Reference Standards

Flammability: Comply to IEC 60332-1, VW-1 / IEC 60228
Comply to RoHS

### Ordering information

Part No.	Description
NTS0216	Netcon, 2 Core, 16 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0416	Netcon, 4 Core, 16 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0616	Netcon, 6 Core, 16 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0816	Netcon, 8 Core, 16 AWG Shielded Multi Conductor cable, 305M / Roll

Note: For LSZH Sheath, same above Part No. with "L" (NTS0218L)