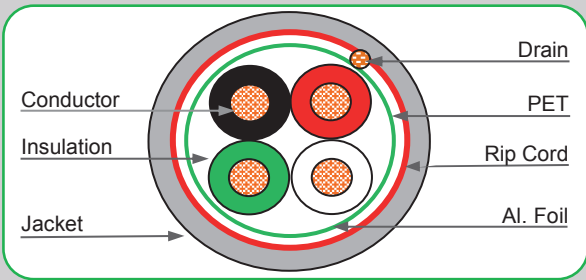


18 AWG Screened Multi-Conductor Cable

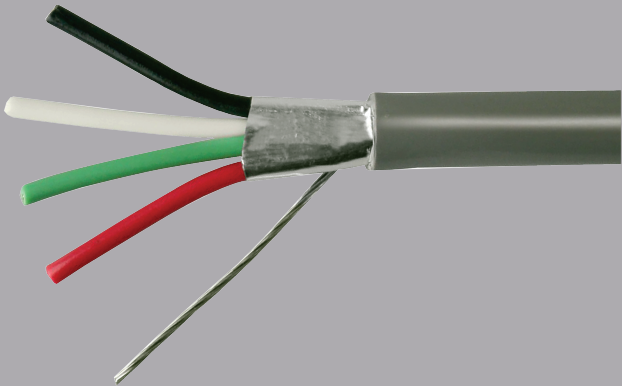


Screened Multi-Conductor cable suitable for Audio, Control, Instrumentation and Building Management Systems (BMS) & Security Systems

Length Available:
305 Meters & above upon request

Cable Construction:

- Conductor
N x Bare Copper wire, 18 AWG flexible
- Insulation - Polyolefin
Core 1: Black | Core2: Red | Core 3 : White | Core 4: Green
Core 5: Brown | Core 6: Blue | Core 7: Orange | Core 8: Yellow
- Rip Cord : Nylon Yarn
- Screen : Aluminum / Polyester Tape
- Drained Wire : Tinned Copper wire
- Sheath & Color
Flame Retardant Polyvinyl Chloride (PVC) & LSZH / Grey



Physical Characteristics

No of Cores x 18 AWG	2	3	4	6	8
Nom. Diameter Conductor	1.2mm				
Nom. Insulation Thickness	0.18mm				
Nom. Radial Thickness sheath	0.35mm				
Drain Wire Size	7/0.203mm, TC				
Nom. Overall Diameter mm	4.0	4.2	4.6	5.7	6.4
Temperature Rating in "C"	-25~75°C				
Max. Recommended Pulling Tension (N)	200	299	399	620	797
Min. Bend Radius (install) (mm)	40	42	46	59	64
Nominal Cable Weight (kg/km)	29.6	39	49.5	79	89.5

Electrical Characteristics

No. of Cores x 18 AWG	2	3	4	6	8
Max. DC Resistance Conductor (Ω /km)	22.7				
Max. DC Resistance Screen (Ω /km)	78.5				
Capacitance Conductor to Cconductor (pF/m)	95	90	75	75	75
Capacitance Cond. to other cond.+screen (pF/m)	175	170	160	140	140
Nominal Inductance (μ H/m)	0.5				
Max. Recommended Current at 25°C (Amps)	5	5	4	3.5	3.5
Max. Operating Voltage (Vrms)	300				

Reference Standards

Flammability: Comply to IEC 60332-1, VW-1 / IEC 60228 , IEC 60332-3 CAT A
Comply to RoHS

Ordering information

Part No.	Description
NTS0218	Netcon, 2 Core, 18 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0418	Netcon, 4 Core, 18 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0618	Netcon, 6 Core, 18 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0818	Netcon, 8 Core, 18 AWG Shielded Multi Conductor cable, 305M / Roll

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