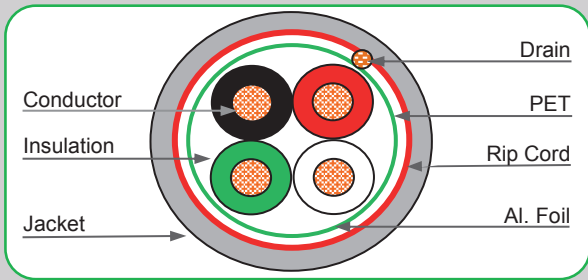


MULTI-CONDUCTOR CABLE



22 AWG Screened Multi-Conductor Cable

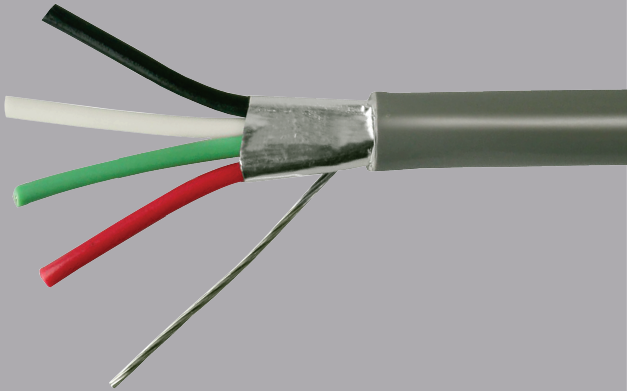


Screened Multi-Conductor cable suitable for Audio, Control, Instrumentation and Building Management Systems (BMS) & Security Systems

Length Available:
305 Meters & above upon request

Cable Construction:

- Conductor: N x Bare Copper wire, 22 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
- Filler: Cotton Yarn
- 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 22 AWG	2	3	4	6	8
Nom. Diameter Conductor	0.76 mm				
Nom. Insulation Thickness	0.20 mm				
Nom. Radial Thickness sheath	0.4mm				
Drain Wire Size	7/0.203mm, TC				
Nom. Overall Diameter mm	3.3	3.5	3.8	4.5	4.9
Temperature Rating in "C"	-25~75°C				
Max. Recommended Pulling Tension (N)	80	121	187	243	324
Min. Bend Radius (install) (mm)	33	35	38	45	49
Nominal Cable Weight (kg/km)	15.7	20	25	34	42.5

Electrical Characteristics

No. of Cores x 20 AWG	2	3	4	6	8
Max. DC Resistance Conductor (Ω /km)	57.4				
Max. DC Resistance Screen (Ω /km)	78.5				
Capacitance Conductor to Cconductor (pF/m)	78	75	70	64	60
Capacitance Cond. to other cond.+screen (pF/m)	150	140	132	120	110
Nominal Inductance (μ H/m)	0.5 Max				
Max. Recommended Current at 25°C (Amps)	2.8	2.8	2.25	1.9	1.9
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
NTS0222	Netcon, 2 Core, 22 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0422	Netcon, 4 Core, 22 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0622	Netcon, 6 Core, 22 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0822	Netcon, 8 Core, 22 AWG Shielded Multi Conductor cable, 305M / Roll

Note: For LSZH Sheath, same above Part No. with "L" (NTS0222L)