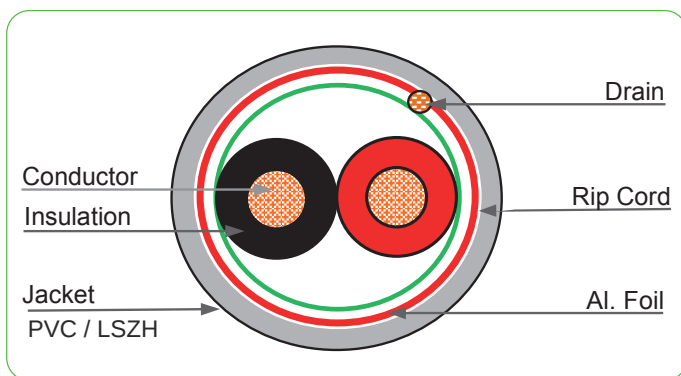
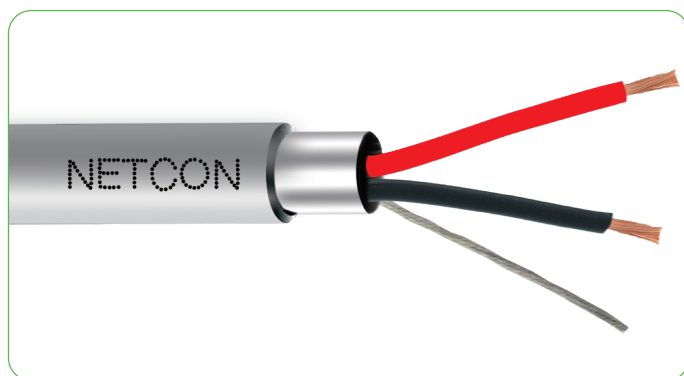


14 AWG Screened Multiconductor Cable



APPLICATION

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,
14 AWG flexible

Insulation - Polyolefin

Core 1: Black | Core 2: 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: PVC / LSZH & Standard Grey

Insulation : PE (High Density Polyethylene)

Foil Coverage : 100%

Drain Wire : Tinned Copper

DESIGN

Unit	Properties
Conductor	Flexible Bare Copper wire
Insulation	PVC Core 1: Black Core 2: White Core 3: Red Core 4: Green Core 5: Brown Core 6: Blue Core 7: Orange Core 8: Yellow
Screen	Aluminium / Polyester Tape
Drain Wire	Tinned Copper wire
Rip cord	Nylon yarn
Sheath	Flame- Retardant - LSZH / Polyvinyl Chloride (PVC) Standard Colour: Grey
Standard Put Up Length	305 meters

* Other colours, Put up lengths and structures can be manufactured upon request.

14 AWG Screened Multiconductor Cable

PHYSICAL CHARACTERISTICS

Part Number	NTS0214	NTS0414	NTS0614	NTS0814
No of cores x 14AWG (19 x 27)	2	4	6	8
Nom. Diameter Conductor (mm)	1.8			
Nom. Radial Thickness Insulation (mm)	0.3			
Min. screen Coverage (%)	115			
Drain Wire Size (AWG)	24 (7 x 32)			
Nom. Radial Thickness Sheath (mm)	0.8			
Nom. Overall Diameter (mm)	6.5	7.5	8.9	9.6
Operating Temperature (°C)	0 to +60			
Max. Recommended Pulling Tension (N)	420	845	1266	1688
Max. Bend Radius (Install) (mm)	65	75	89	96
Nominal Cable weight (kg/km)	68	115	164	208

ELECTRICAL CHARACTERISTICS at 20°C

Part Number	NTS0214	NTS0414	NTS0614	NTS0814
No of cores x 14AWG (19 x 27)	2	4	6	8
Max. DC Resistance Conductor (Ω /km)	9.36			
Max. DC Resistance Screen (Ω /km)	78.5			
Capacitance Conductor to Conductor (pF/m)	248	215	208	205
Capacitance Cond. to other Cond. + Screen (pF/m)	452	385	374	370
Max. Recommended Current at 25C (amps)	8	6.4	5.6	5.6
Max. Operating Voltage (Vrms)	300			

REFERENCE STANDARDS

(BS) EN 50290-2

IEC 60228

NFC 725.154 (A), ANSI / NFPA 262

RoHS directives

ORDERING INFORMATION

Part Number	Description
NTS0214	Netcon, 2 Core, 14 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0414	Netcon, 4 Core, 14 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0614	Netcon, 6 Core, 14 AWG Shielded Multi Conductor cable, 305M / Roll
NTS0814	Netcon, 8 Core, 14 AWG Shielded Multi Conductor cable, 305M / Roll

Note: NT: Series , S: Shielded , 02 /04/06/08 : No of Pairs , 14: 14 AWG Bare Copper , P: PVC , L: LSZH