

APPLICATION

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

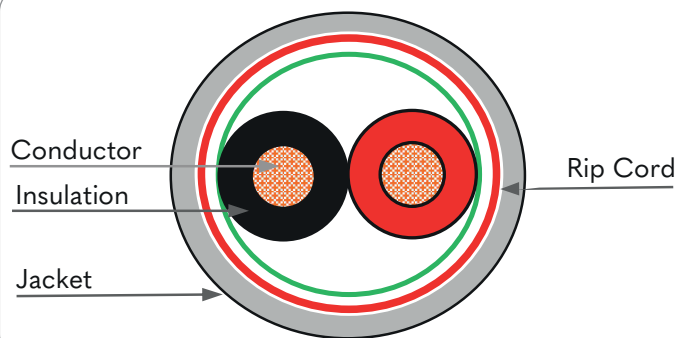
Insulation - Polyolefin

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

Drained Wire : Tinned Copper wire

Sheath & Color: PVC / LSZH and 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 | 0.35 mm | | | |
| Nom. Overall Diameter (mm) | 4.6 | 5.3 | 6.8 | 7.6 |
| Temperature Rating in "C" | -25~75°C | | | |
| Max. Recommended Oulling 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 (Ω /km) | 15.47 | | | |
| Capacitance Conductor to Conductor (pF/m) | 105 | 90 | 80 | 80 |
| Capacitance Cond. to other Cond. + Screen (pF/m) | 185 | 185 | 160 | 160 |
| Nominal Inductance (μ H/m) | 0.5 | | | |
| Max. Recommended Current ar 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 |
|------------|--|
| NTVC216P/L | Voltan , 2 Core, 16 AWG unshielded Multi Conductor Copper Cable, 305M / Roll |
| NTVC416P/L | Voltan, 4 Core, 16 AWG unshielded Multi Conductor Copper Cable, 305M / Roll |
| NTVC616P/L | Voltan, 6 Core, 16 AWG unshielded Multi Copper Conductor Cable, 305M / Roll |
| NTVC816P/L | Voltan, 8 Core, 16 AWG unshielded Multi Conductor Cable Copper , 305M / Roll |

Note: NTV Series, C- Copper Conductor , 216- 2 core 16 AWG., P- PVC, L- LSZH