# UNT AGL BRAIDING POWER - C

FAA L 824 - TYPE C


## CABLE STRUCTURE

| | |
|---|---|
| Conductor | Strand of annealed tinned or bare copper wires<br>According to IEC C 60228 - Class 2<br>AWG types to ASTM B8 - Class B or Class C |
| Semiconductive Layer | Extruded Semiconductive material |
| Insulation | XLPE - Cross linked polyethylene material |
| Semiconductive Layer | Semiconductive tape hellically applied |
| Screen | Tinned Copper wire braiding with minimum 80% coverage |
| Outer Jacket | PVC or PE or HF (alogen free) or other suitable jacketing material according to NEMA WC74 / IECA S-93-639 |

## OPERATING CHARACTERISTICS

| | |
|---|---|
| Conductor Operating Temperature | -25°C / +90°C |
| Rated Voltage | 5 kV |
| Test Voltage | 18 kV |
| Bending Radius | 12 x Outer Diameter |
| Standard Of Test | ICEA S-93-639 / NEMA WC74<br>FAA Specifıcation for L 824 - AC No. 150 / 5345-7F |

| Construction (*) | Cross Section | Overall Diameter mm | Approx Weight kg/km | Max. Resistance of Conductors at 20 °C (ohm/km) | Current Carrying Capacity at 45 °C (A) |
|---|---|---|---|---|---|
| BCL2 / EXSC / XLPE / SCT / BCUB / PE | 1x6 mm² | 12,4 | 203 | 3,08 | 52 |
| BCL2 / EXSC / XLPE / SCT / BCUB / PVC | 1x6 mm² | 12,4 | 228 | 3,08 | 52 |
| TCL2 / EXSC / XLPE / SCT / TCUB / PVC | 1x6 mm² | 12,4 | 203 | 3,11 | 52 |
| TCL2 / EXSC / XLPE / SCT / TCUB / PVC | 1x6 mm² | 12,4 | 228 | 3,11 | 52 |
| BAWGB / EXSC / XLPE / SCT /BCUB / PE | 1x8 AWG | 13,0 | 238 | 2,14 | 64 |
| BAWGB / EXSC / XLPE / SCT / BCUB / PVC | 1x8 AWG | 13,0 | 263 | 2,14 | 64 |
| TAWGB / EXSC / XLPE / SCT / TCUB / PE | 1x8 AWG | 13,0 | 238 | 2,22 | 64 |
| TAWGB / EXSC / XLPE / SCT / TCUB / PVC | 1x8 AWG | 13,0 | 263 | 2,22 | 64 |
| BAWGB / EXSC / XLPE / SCT / BCUB / PE | 1x6 AWG | 14,0 | 302 | 1,35 | 85 |
| BAWGB / EXSC / XLPE / SCT / BCUB/ PVC | 1x6 AWG | 14,0 | 329 | 1,35 | 85 |
| TAWGB / EXSC / XLPE / SCT / TCUB / PE | 1x6 AWG | 14,0 | 302 | 1,40 | 85 |
| TAWGB / EXSC / XLPE / SCT / TCUB / PVC | 1x6 AWG | 14,0 | 329 | 1,40 | 85 |

(*) For explanation of coding refer to Technical Data Section