

**CONSTRUCTION CHARACTERISTICS TABLE - CORFLEX® MC-HL ARMORED INSTRUMENTATION**

| Part Number                                  | # of Pairs | Insulation Thickness |                | Nominal Diameter over Core (inches) | Inner Jacket Thickness (inches) | Nominal Diameter over Inner Jacket (inches) | Nominal Diameter over Sheath (inches) | Outer Jacket Thickness (inches) | Nominal Diameter over Outer Jacket (inches) | Approx. Net Cable Weight (lb/kft) |
|--|------------|----------------------|----------------|-------------------------------------|---------------------------------|---|---------------------------------------|---------------------------------|---|-----------------------------------|
|  |            | PVC (inches)         | Nylon (inches) |                                     |                                 |   |                                       |                                 |   |                                   |
| <b>MULTI PAIRS, 600 V - 16 AWG (7W) SPOS</b> |            |                      |                |                                     |                                 |   |                                       |                                 |   |                                   |
| 12001282                                     | 1          | 0.015                | 0.004          | 0.21                                | 0.040                           | 0.29  | 0.49                                  | 0.050                           | 0.61  | 157                               |
| 12000975                                     | 2          | 0.015                | 0.004          | 0.42                                | 0.040                           | 0.48  | 0.64                                  | 0.050                           | 0.74  | 216                               |
| 12001283                                     | 4          | 0.015                | 0.004          | 0.48                                | 0.050                           | 0.53  | 0.77                                  | 0.050                           | 0.87  | 375                               |
| 12001409                                     | 8          | 0.015                | 0.004          | 0.64                                | 0.050                           | 0.68  | 0.93                                  | 0.050                           | 1.03  | 604                               |
| 12001208                                     | 12         | 0.015                | 0.004          | 0.80                                | 0.050                           | 0.84  | 1.14                                  | 0.050                           | 1.25  | 862                               |
| 12000970                                     | 24         | 0.015                | 0.004          | 1.12                                | 0.050                           | 1.13  | 1.42                                  | 0.050                           | 1.53  | 1432                              |

|   |    |       |       |      |       |      |      |       |      |      |
|---|----|-------|-------|------|-------|------|------|-------|------|------|
| <b>MULTI TRIADS, 600 V - 16 AWG (7W) STOS</b> |    |       |       |      |       |      |      |       |      |      |
| 12000969                                      | 1  | 0.015 | 0.004 | 0.23 | 0.040 | 0.30 | 0.51 | 0.050 | 0.62 | 171  |
| 12001835                                      | 12 | 0.015 | 0.004 | 0.82 | 0.050 | 0.93 | 1.21 | 0.050 | 1.32 | 1007 |

**ELECTRICAL PROPERTIES**

**600 V Shielded Pairs / Triads with an overall Cable Shield**

| Conductor Size (AWG) | DC Resistance 20°C Ω/kft | Capacitance                  |                           |                              |                           |
|----------------------|--------------------------|------------------------------|---------------------------|------------------------------|---------------------------|
|                      |                          | Pairs                        |                           | Triads                       |                           |
|                      |                          | Conductor -Conductor (pF/ft) | Conductor -Shield (pF/ft) | Conductor -Conductor (pF/ft) | Conductor -Shield (pF/ft) |
| 18                   | 6.64                     | 74                           | 148                       | 63                           | 156                       |
| 16                   | 4.18                     | 86                           | 172                       | 87                           | 180                       |