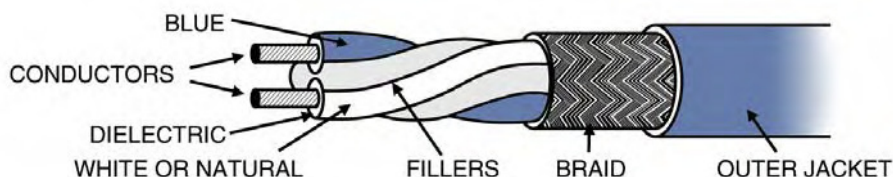


BULK CABLE AND SPECIFICATIONS



| | LAB RATED | | HIGH TEMPERATURE | |
|---------------------------------|-----------------|-----------------|----------------------|-----------------|
| MilesTek Part Number | 30-02001 | 30-02003 | M17/176-00002 | 30-02002 |
| Nominal Impedance (Ohms) | 78 ± 3 | 78 ± 3 | 77 ± 7 | 77 ± 7 |
| Nominal Outside Diameter | 0.242 | 0.150 | 0.129 | 0.095 |
| Conductor Diameter | 0.037 | 0.022 | 0.024 | 0.0149 |
| Operating Temperature Range | -20°C to +75°C | -20°C to +75°C | -55°C to +200°C | -55°C to +200°C |
| Minimum bend radius (inches) | 2.42 | 1.50 | 1.50 | 1.25 |
| Nominal Capacitance (pF/ft.) | 19.7 | 20.3 | 24 | 23 |
| Attenuation @ 1MHz (dB/100 ft.) | 0.6 | 2 | 1.4 | 2 |
| Outer Jacket Material | PVC | PVC | Teflon | PFA |
| Insulation Material | PVC | PVC | Teflon | FEP |
| Shield Coverage | 93% | 93% | 93% | 90% |
| Use MilesTek Connector | -210 | -231 | -206 | -242 |

*Please see connectors on pages 31-33 and page 47. Off-the-shelf bus and stub cables can be found on page 28.
Contact us for custom assemblies and harnesses.*

| Attenuation dB/100 ft: | | | | |
|------------------------|--------|--------|----------|-------|
| 1 MHz | 0.600 | 2.000 | 1.400 | 2.000 |
| 3 Mhz | | 3.000 | 2.100 | |
| 10 Mhz | 2.100 | 5.300 | 4.50 Max | 6.500 |
| 20 MHz | | 7.500 | | |
| 30 MHz | | 9.200 | | |
| 40 MHz | | 10.600 | | |
| 50 MHz | 5.000 | 11.900 | | |
| 100 MHz | 7.500 | 16.800 | | |
| 200 MHz | 11.000 | 23.700 | | |
| 400 MHz | 16.000 | | | |
| 500 MHz | | 37.500 | | |
| 700 MHz | | 44.300 | | |
| 1000 MHz | | 53.000 | | |