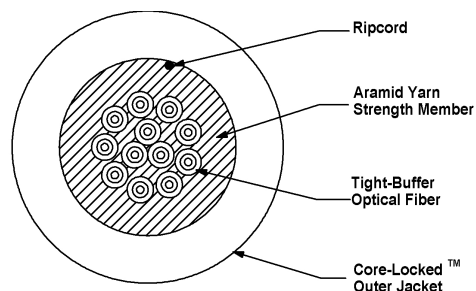


## Part #: D-012CSLE9KM

### 12 CHANNEL D-Series Distribution – Mil-Tac Cables



| Ultra-Fox™ Plus Fiber Performance              |                                                                                                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Fiber Code                                     | SLE                                                                                                  |
| Industry Standard Designation                  | Bend Insensitive<br>Low Water Peak<br>Single-mode<br>ITU-T G.657.A1<br>Enhanced and<br>ITU-T G.652.D |
| Core/Cladding Diameter (μm)                    | 9/125                                                                                                |
| Wavelength (nm)                                | 1310/1550                                                                                            |
| Maximum Cabled Attenuation (dB/km)             | 0.5/0.5                                                                                              |
| Primary Coating Diameter (μm)                  | 245                                                                                                  |
| Secondary Buffer Diameter (μm)                 | 900                                                                                                  |
| Zero Dispersion Slope (ps/nm <sup>2</sup> -km) | 0.092                                                                                                |
| Proof Test Level (kpsi)                        | 100                                                                                                  |

| Installation and Operating Characteristics |                   |                 |
|--------------------------------------------|-------------------|-----------------|
|                                            | Installation      | Operating       |
| Max Tensile Load                           | 2,100 N (470 lbs) | 700 N (160 lbs) |
| Min Bend Radius                            | 6.5 cm (2.6 in)   | 3.3 cm (1.3 in) |

| Mechanical and Environmental   |                |
|--------------------------------|----------------|
| Flex Resistance<br>TIA-455-104 | 2,000 Cycles   |
| Crush Resistance<br>TIA-455-41 | 1,800 N/cm     |
| Operating Temperature          | -55°C to +85°C |
| Storage Temperature            | -70°C to +85°C |

| Cable Characteristics |                         |
|-----------------------|-------------------------|
| Jacket Color          | Black                   |
| Jacket Material       | Polyurethane            |
| Buffer Material       | Hard Elastomeric        |
| Cable Weight          | 41 kg/km (28 lbs/1000') |
| Cable Diameter        | 6.5 mm (0.26 in)        |