### Optical Fiber Specifications Per Table:

1. **Primary Coating Diameter**
   - (UV Cured Acrylate): 500μm

2. **Tight Buffer:** ± 50μm
   - Buffer Colors: Blue, Orange, Green, Brown

3. **Cable Construction:**
   - **3.1 Aramid Yarn Strength Members or Engineering Approved Equivalent**
   - **3.2 Outer Jacket Material:** Polyethylene or Engineering Approved Equivalent, Color to be Black
   - **3.3 Flame Retardant Tactical Jacket**

4. **Cable Ratings:**
   - The following information is for reference only:
     - **Operation:** -55°C to 40°C
     - **Storage/Shipping:** -70°C to +85°C
     - **Minimum Bend Radius at Installation Load:** 8.8mm
     - **Minimum Bend Radius at Long-Term Load:** 4.4mm
     - **Impact Resistance:** 200 Impacts (E4/TH-455-25)
     - **Crush Resistance:** 440 N/cm (E4/TH-455-41)
     - **Flex Resistance:** 2000 Cycles (E4/TH-455-104)
     - **Max Pulling Tension (Short Term):** 1800N (E4/TH-455-33)

5. **Cable Must Meet the Requirements of TE Connectivity Specification TEC-138-702.**