1. Is the cable an accepted product of the U. S. Department of Agriculture Rural Development Utilities Program (RDUP) 7 CFR 1755.900 (PE-90) and does it meet the requirements of ANSI/ICEA Standard for Fiber Optic Outside Plant Communications Cable, ANSI/ICEA S-87-640-2006 and GR-20-CORE?

2. Is each fiber distinguishable by means of color coding in accordance with TIA/EIA-598-B, Optical Fiber Cable Color Coding?

3. Are the buffer tubes containing fibers color coded with distinct and recognizable colors in accordance with TIA/EIA-598-B, Optical Fiber Cable Color Coding?

4. Are the buffer tubes resistant to external forces and do they meet the buffer tube cold bend and shrink back requirements of 7 CFR 1755.900?

5. Is the MDPE jacket material defined by ASTM D1248, Type II, Class C, Category 4 and Grades J4, E7, and E8?

6. Is the cable tested for fluid penetration in accordance with FOTP-82, Fluid Penetration Test for Fluid-Blocked Fiber Optic Cable?

7. Is the cable tested for compound flow (drip) in accordance with FOTP-81, Compound Flow (Drip) Test for Filled Fiber Optic Cable?

8. Is the cable tested for lightning damage in accordance with FOTP-181, Lightning Damage Susceptibility Test for Optic Cables with Metallic Components?

9. Is the cable temperature-range tested in accordance with FOTP-3?

10. Is the cable tested for crush resistance in accordance with FOTP-41, Compressive Loading Resistance of Fiber Optic Cables?

11. Is the cable tested for cyclic flexing in accordance with FOTP-104, Fiber Optic Cable Cyclic Flexing Test?

12. Is the cable tested for high- and low-temperature bend performance in accordance with FOTP-37, Low or High Temperature Bend Test for Fiber optic Cable?

13. Is the cable tested for impact resistance in accordance with FOTP-25, Repeated Impact Testing of Fiber Optic Cables and Cable Assemblies?

14. Is the cable tested for twist-bend performance in accordance with FOTP-85, Fiber Optic Cable Twist Test?

15. Is the cable tested for tensile and fiber strain in accordance with FOTP-33, Fiber Optic Cable Tensile Loading and Bending Test, and FOTP-38, Measurement of Fiber Strain in Cables Under Tensile Load?

16. Is the cable manufacturer ISO 9001 registered?

Corning says YES to all of these questions.