

Not all Cable Manufactures are the Same

14 Questions you should ask your cable manufacturer about indoor cable

	Indoor Cable	Corning
1	Does the cable must meet the requirements of the National Electrical Code® (NEC)® Section 770?	Yes
2	For Non Plenum applications , does the cable pass Applicable Flame Tests: UL 1666?	Yes
3	For Plenum applications, does the cable pass Applicable Flame Test: NFPA 262?	Yes
4	For finished cables does the cable conform to the applicable performance of the Insulated Cable Engineers Association, Inc. (ICEA) Standard for Fiber Optic Premises Distribution Cable (ICEA S-83-596)?	Yes
5	Can the cable jackets be capable of being colored any of the 12 colors identified in EIA/TIA-598, "Optical Fiber Cable Color Coding", if requested to enhance cable identification?	Yes
6	Can the individual fibers be color coded for identification in accordance with EIA/TIA-598, "Optical Fiber Cable Color Coding"?	Yes
7	Is the cable temperature range tested in accordance with FOTP-3?	Yes
8	Is the cable tested for crush resistance in accordance with FOTP-41, "Compressive Loading Resistance of Fiber Optic Cables"?	Yes
9	Is the cable tested for cyclic flexing in accordance with FOTP 104, "Fiber Optic Cable Cyclic Flexing Test"?	Yes
10	Is the cable tested for high and low temperature bend performance in accordance with FOTP-37, "Fiber Optic Cable Bend Test, Low and High Temperature"?	Yes
11	Is the cable tested for impact resistance in accordance with FOTP-25, "Repeated Impact Testing of Fiber Optic Cables and Cable Assemblies,"?	Yes
12	Is the cable tested for twist-bend performance in accordance with FOTP-85, "Fiber Optic Cable Twist Test" ?	Yes
13	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"?	Yes
14	Is The cable manufacturer ISO 9001 registered?	Yes

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16 Questions you should ask your cable manufacturer about outdoor cable

	Outdoor Cable	Corning
1	Is the cable an accepted product of the United States Department of Agriculture Rural Utilities Service (RUS) 7 CFR 1755.900 (PE-90) and meet the requirements of ANSI/ICEA Standard for Fiber Optic Outside Plant Communications Cable, ANSI/ICEA S-87-640-2006 and GR-20-CORE?	Yes
2	Is Each fiber distinguishable by means of color coding in accordance with TIA/EIA-598-B, "Optical Fiber Cable Color Coding"?	Yes
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"?	Yes
4	Are the buffer tubes resistant to external forces and meet the buffer tube cold bend and shrinkback requirements of 7 CFR 1755.900?	Yes
5	Is the MDPE jacket material defined by ASTM D1248, Type II, Class C, Category 4 and Grades J4, E7 and E8?	Yes
6	Is the cable tested for fluid penetration in accordance with FOTP-82, "Fluid Penetration Test for Fluid Blocked Fiber Optic Cable"?	Yes
7	Is the cable tested for compound flow (drip) in accordance with FOTP-81, "Compound Flow (Drip) Test for Filled Fiber Optic Cable"?	Yes
8	Is the cable tested for lightning damage in accordance with FOTP-181, "Lightning Damage Susceptibility Test for Optic Cables with Metallic Components"?	Yes
9	Is the cable temperature range tested in accordance with FOTP-3?	Yes
10	Is the cable tested for crush resistance in accordance with FOTP-41, "Compressive Loading Resistance of Fiber Optic Cables"?	Yes
11	Is the cable tested for cyclic flexing in accordance with FOTP 104, "Fiber Optic Cable Cyclic Flexing Test"?	Yes
12	Is the cable tested for high and low temperature bend performance in accordance with FOTP-37, "Fiber Optic Cable Bend Test, Low and High Temperature"?	Yes
13	Is the cable tested for impact resistance in accordance with FOTP-25, "Repeated Impact Testing of Fiber Optic Cables and Cable Assemblies" ?	Yes
14	Is the cable tested for twist-bend performance in accordance with FOTP-85, "Fiber Optic Cable Twist Test" ?	Yes
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"?	Yes
16	Is The cable manufacturer ISO 9001 registered?	Yes