



CORNING

Not all fiber jumpers are the same

15 questions you should ask your cable manufacturer about fiber optic jumpers

1. Are your jumpers tested in accordance with TIA/EIA-455-171, Attenuation by Substitution Measurement for Short-Length Multimode Graded-Index and Single-Mode Optical Fiber Cable Assemblies?
2. Are your single-mode jumpers tested in accordance with TIA/EIA-455-107, Return Loss for Fiber Optic Components?
3. Are your jumpers tested for scratches and defects, in accordance with IEC 61300-3-35?
4. Are your single-mode jumpers tested in accordance with Telcordia GR-326-CORE, Geometry Test?
5. Are your jumpers tested in accordance with TIA/EIA-455-4, Heat Aging, seven days at 85°C?
6. Are your jumpers tested in accordance with TIA/EIA-455-5, Humidity, 95 percent RH at 75°C, seven days?
7. Are your jumpers tested in accordance with TIA/EIA-455-3A, Humidity/Condensation, 95 percent RH at -10° to 65°C?
8. Are your jumpers tested in accordance with TIA/EIA-455-3, Temperature Cycling, -40° to 75°C, 21 cycles, seven days?
9. Are your jumpers tested in accordance with TIA/EIA-455-11, 10-55 Hz, Vibration, two hours in each plane, 1.5 mm peak to peak?
10. Are your jumpers tested in accordance with TIA/EIA-455-1, Flexing, 100 cycles, 0.9 kg (2 lb) load?
11. Are your jumpers tested in accordance with TIA/EIA-455-36, Twist Test, 2.5 revolutions each direction for 10 cycles?
12. Are your jumpers tested in accordance with TIA/EIA-455-2, Impact Test, eight impacts?
13. Are your jumpers tested in accordance with Telcordia GR-409-CORE mechanical and environmental test?
14. Are your jumpers tested in accordance with TIA/EIA-455-21, Durability, 200 reinsertions?
15. Do your jumpers have machine-readable bar codes for fail-safe handling and DCIM integration?

Corning says **YES** to all of these questions.

References to standards are those in effect at the time of publication. They are subject to periodic revision and you are encouraged to refer to the most current version.

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