Not All Preterminated Cable Manufacturers Are the Same

CORNING

14 questions you should ask your manufacturer about preterminated trunk cables

1. Do the preterminated trunks have a minimum bend radius of five times the cable outside diameter?
2. Do the preterminated trunks meet the application requirements of the National Electric Code® (NEC Article 770) OFNP and FT-6 listed for plenum?
3. Do the preterminated trunks meet the connector performance specifications of TIA/EIA-568-C.3, Optical Fiber Cabling Components Standard (normative) Annex A?
4. Do the preterminated trunks meet the optical standards per TIA/EIA-455-204 and IEC 60793-1-41 for intermediate-performance laser-based systems (up to 1 Gb/s)?
5. Do the preterminated trunks meet the optical standards per TIA/EIA-455-220 and IEC 60793-1-49 for high-performance laser-based systems (up to 10 Gb/s)?
6. Do the preterminated trunks meet the optical fiber cable transmission performance parameters according to TIA-568-C.3?
7. Have the preterminated trunks been tested to remain operational at a temperature range of -10 to +60°C?
8. Is the preterminated trunk manufacturer ISO 9001 registered?
9. Are the preterminated trunk furcation plugs designed to allow for securing the trunks inside or outside the connector housing?
10. Do the furcation plugs of the preterminated trunks consist of an outer shell that is filled with epoxy encapsulate?
11. Are the preterminated trunks manufactured with all RoHS-compliant components?
12. Are the preterminated trunks manufactured with ultra-bendable fiber to meet fiber performance standards per TIA-568-C.3? MM 2.8 dB at 850 µm/1.0 dB at 1300 µm SM 0.4 dB at 1310 µm/0.3 dB at 1550 µm?
13. Are the pulling grips of the preterminated trunks manufactured to withstand a maximum pulling force of 100 lbs?
14. Are the preterminated trunks shipped on reels that are 100 percent recyclable?

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