

Product Enhancements

SOLUTION	LANmark™-6	LANmark™-1000	LANmark™-2000	LANmark™-XTP
Max Bandwidth	1.0Gbps	2.5Gbps*	5.0Gbps*	10.0Gbps
CA Score	6.4	7.3	8.0	8.6
Max Temp				
Max Bundle Size**				
Eco Certifications				

Notes:

* Max bandwidth recommendations are based on Berk-Tek's testing on both Berk-Tek and competitive products. Potential limitations on maximum reach and/or bundle size may apply to successfully transmit 2.5G and/or 5.0G, based on future technology developments. IEEE 802.3bz is still in development at the time of publication (07/16). The TEK Center can provide a Certificate of Authority to customers upon request. This document certifies that Berk-Tek's solution can safely accommodate a customer's specific power requirement.

**Bundle sizes are Berk-Tek's maximum recommendation, assuming homogeneous bundles, 100W transmitted down every cable, and 45°C ambient room temperature. If planning to operate cables where elevated temperatures are possible (>20°C), take proper precautions when handling cabling.

Product Icon Key

The following are short descriptions of the product icons used in this brochure and accompanying literature. If you have any questions, please contact your local Berk-Tek sales representative or call 1-800-237-5835.



The maximum temperature to which the cable has been UL listed. This is a safety listing, and under no circumstances should a cable be placed in an environment where the temperature could exceed the maximum UL listing. For reference; 75 °C = 167 °F and 90 °C = 194 °F.



Berk-Tek's maximum recommended number of bundled homogeneous cables under the following conditions: Every cable energized to 100W (IEEE 802.11bt Type 4 PoE), and ambient room temperature assumed to be 45°C (113°F) for the length of the bundle. If planning to operate cables where elevated temperatures are possible (>20°C), take proper precautions when handling cabling. Please note bundling cables creates worst-case; therefore, if cables are not bundled, then the recommended maximum number of cables will increase in the conditions described above.



PEP (Product Environmental Profile) Ecopassports fulfill all LEED requirements for Environmental Product Declarations (EPDs) as they conform to ISO 14025 and follow EN 15804. PEP is an industry-wide organization which runs a program to provide Type III Environmental Product Declaration (EPD) for electrical, electronic, and HVAC products according to ISO 14025. Within the PEP association, EPDs are called PEP Ecopassports®. PEPs are product-specific EPDs and are valued as one full product towards LEED credit.



HPD (Health Product Declaration) is an open standard that contains a standardized format and instructions for reporting a product's contents and its related Health information. This is in contrast to a PEP or EPD, which quantifies and reports the product's environmental impact. HPDs can contribute towards LEED points.