

HI-DEX From Brand-Rex Goes Multi-Media

Submitted by: Turtle Consulting Group

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Brand-Rex has now added copper connectivity to its highly successful HI-DEX fibre patching range making HI-DEX a truly multi-media patching solution for data centres and enterprise installations.

In addition to its future proof fibre capabilities for speeds of 10Gb/s to 100Gb/s, 400Gb/s and beyond, HI-DEX now adds 10Gb/s Cat 6A/ Class EA copper patching modules that have a similar format to the existing fibre cassettes. Four copper cassettes are fitted two-over-two into a 1U chassis unit.

Each cassette contains six Brand-Rex 10GPlus shielded RJ-45 jacks together with an earth plane and earth connector. Four cassettes of six ports give an optimal density of 24 x 10 Gb/s ports in 1U - allowing enough space for technician access and for good labelling. Both of which are essential, but often overlooked, in high-density data centre and comms-room applications.

The jacks in the cassettes are angled in line with best practice for Cat 6A cables yet, as with the HI-DEX fibre cassettes, only one module type is required as it can be simply flipped over for right hand or left hand patch-cable egress. HI-DEX has also been designed so that the exact same copper cassette can be used for site-termination and for factory pre-terminated copper links.

A major advantage of the successful HI-DEX fibre product has been the ability to pull the cassette forward on runners to access the rear of the connectors without rear cabinet access. The feature is continued into the HI-DEX copper modules. This is made possible by the Brand-Rex locus-based cable tracking system - which insures that the distance from cable attachment point to the Cat 6A jack remains constant. So there is no stretching for adverse bending cables or stress on plugs and jacks.

With HI-DEX, network technicians now have unrivalled accessibility to their network connectivity be it multimode fibre, single-mode fibre or 10Gb/s copper in the data centre and comms-room.

HI-DEX plug-and-play functionality can be up to 75 per cent faster to install than conventional practices and offers a simple and scalable migration from 10Gb/s through 40Gb/s to 100Gb/s, 400Gb/s and beyond.

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ABOUT BRAND-REX

Brand-Rex, part of the Leviton group, is an established technology company, who designs, develops and manufactures high-end optical fibre and copper connectivity solutions for the data networking market and niche specialist cables for extreme environment applications. Headquartered in Scotland, the company is entirely carbon neutral and is committed to reducing its impact on the environment through carbon reduction programmes and offsetting CO2 created by the manufacture and distribution of its products. For more information visit www.brand-rex.com

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