Are there any 40G optical module models with an 80km range

The QSFP-4080-ZR4 is a long range single-mode 40G QSFP+ optical module compatible with the 40GBase-ZR4 specifications. It uses 4 CWDM 10G lasers running 1295~1310nm and combining ...

Discover ETU-LINK"s ultra-long-distance solutions, covering 100m to 80km, ideal for seamless cross-city data center connections and 5G networks

Challenging the 80-kilometer physical attenuation limit, the ZR4 series represents the pinnacle of optical engineering within the 40G encapsulation format. At such vast distances, relying solely on receiver ...

Dual LC interfaces paired with single-mode fiber enable 80km transmission. 80km transmission is achieved without requiring additional ports or enabling FEC mode.

QSFP 40G 80km modules sit at the far end of the direct-detect 40G distance range, offering significantly longer reach than LR4 (10km) and ER4 (40km) optics but with higher power consumption, stricter ...

Large corporations use the 80km module to connect headquarters with remote data centers for applications like HD video conferencing and distributed ERP systems.

Wave Thought Tech 40G QSFP+ DWDM 80km modules is high performance and tablely compatible with Cisco, Juniper, Huawei, Alcatel-Lucent, Nokia, Zyxel, MikroTik, etc.

Each channel operates at a center wavelength of 1295.56nm, 1300.05nm, 1304.58nm, and 1309.14nm. It utilizes a single-mode fiber pair for transmission, enabling distances of up to 80km. GIGALIGHT ...

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing and data center applications.

Ascent Optics" QSP-40D455-80CL is a transceiver module designed for 80km optical communication applications. The design is compliant to 40GBASE-ZR4 of the IEEE P802.3ba standard.

Wave Thought Tech 40G QSFP+ DWDM 80km modules is high performance and ...

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