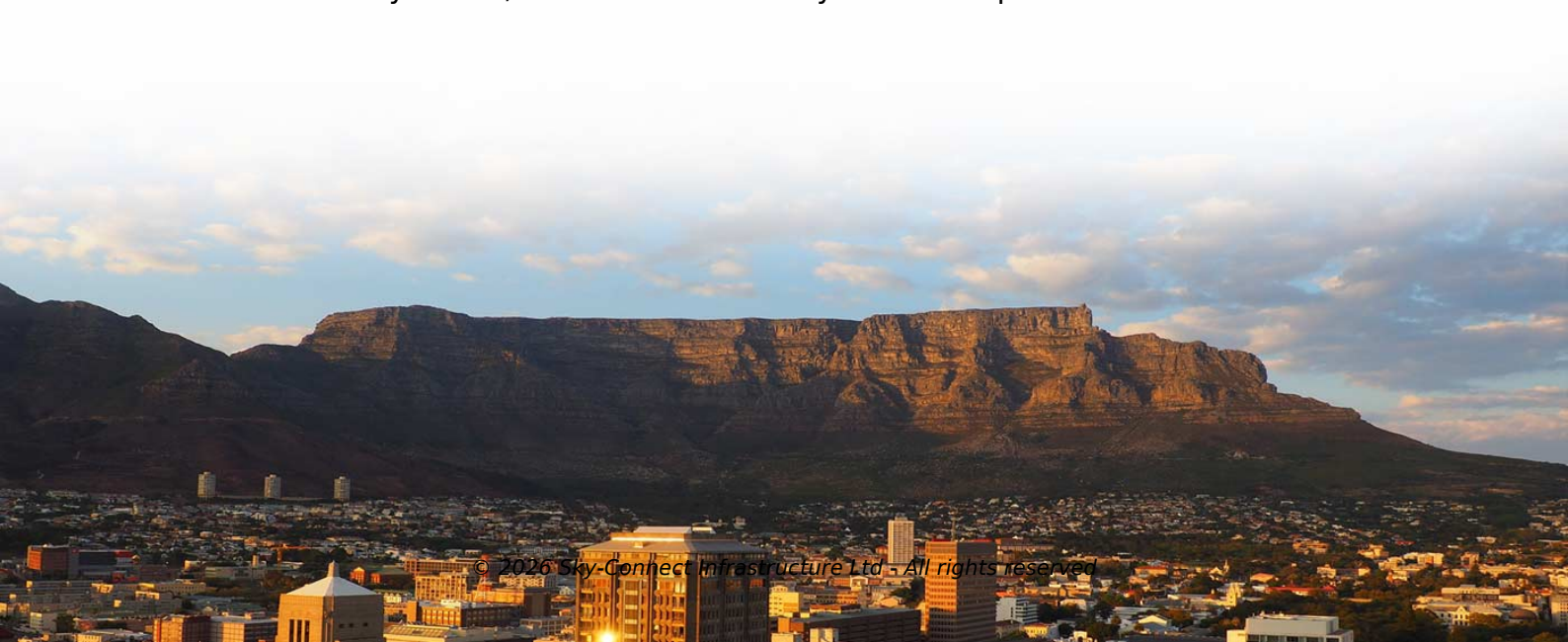


Mixed use of optical modules with different mileage ranges



Overview

Optical modules for LAN networks can transmit data at rates of up to 10 Gb/s, while those for WAN networks can transmit data over distances of up to 80 km. Among the most common are SR LR, two terms that show up everywhere — from switch ports in data centers to uplinks between buildings. If you've ever. To meet the demands of various transmission rates, different-rate optical modules have emerged: 1. 6T optical modules, 800GE optical modules, 400GE optical modules, 100GE optical modules, 40GE optical modules, 25GE optical modules, 10GE optical modules, GE optical modules, FE optical modules, and so. An optical module usually consists of an optical transmitting device (TOSA, including a laser), an optical receiving device (ROSA, including a photodetector), functional circuits, main control circuit board (PCBA), housing and optical (electrical) interface and other components. Think of it as the “translator” for your network equipment, converting electrical signals into optical signals. A fibre-optic communication solution for 150Mb/s over short and long-range, manufactured by PD-LD, has been released by Laser Components.



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