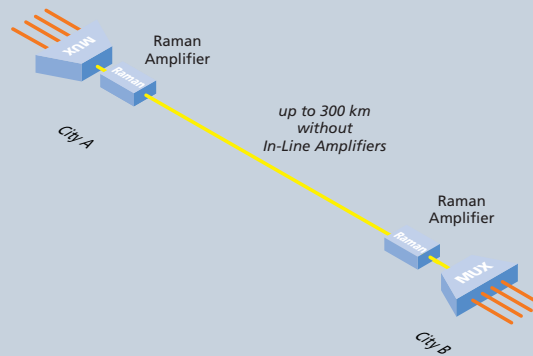


Raman Amplifier



10G Raman Amplifier



Benefits

- Up to 14 dB gain
- Fully independent rack mountable 1 U
- Automatic shutdown and restart
- Remote software maintenance and upgrade
- High-capacity long span distances
- Elimination of intermediate amplifier sites

Description

The Raman Amplifier uses enhanced Raman amplification to extend the span reach of optical DWDM networks. In addition, the module also improves the OSNR (optical signal to noise ratio). The Raman Amplifier consist of two modules.

The dual pump model has a maximum output power of 27 dBm, while the triple pump model offers a maximum output power of 28.5 dBm respectively. The amplifier includes an automatic eye safety mechanism that shuts down the amplifier or reduces the power within class 1M in case of fiber link interruption. This comprehensive safety mechanism is extremely important due to the Raman module high output power.

Description	Art.-No.
Raman Amplification Pump unit with 2 pumps for 10 dB Gain on G652 fiber	MS430850M
Raman Amplification Pump unit with 3 pumps for 14 dB Gain on G652 fiber	MS430851M
Booster Power Extender 23 dBm	MS430852M
Booster Power Extender 25 dBm	MS430853M
Automatic Power Reduction for Raman Amplification unit	MS430854M