

10G Tunable DWDM Limiting Interface Transceiver

Tunable transceivers drastically simplify inventory and deployment for customers by obviating the need to manage multiple wavelengths.

The tunable DWDM limiting interface transceiver gives those customers even more flexibility as limiting interface transceivers can be plugged into any SFP+ port. The limiting electrical interface does not require EDC (electronic dispersion compensation) on the host board, removing restrictions for use on Catalyst, Nexus and any type of Router.

Cisco's new tunable limiting interface transceiver DWDM-SFP10G-C-S is also

Cisco's first S-class DWDM offering. Now DWDM can enjoy the competitive pricing and features of an S-class optic.

DWDM has many applications; Cable service providers transitioning their networks to digital fiber with remote-PHY, mobile service providers upgrading their backhaul for 5G, carrier ethernet networks, data center interconnects and campus branches.

The tunable DWDM limiting interface transceiver can be set to 96 different ITU 50GHz wavelengths and provides nearly equal dispersion tolerance to the linear electrical interface.



Figure 1. 10G Tunable Limiting Interface Transceiver

Table 1. 10G Tunable Limiting Interface Transceiver

Data rate	Protocol	Media	Reach	Temperature range	Product ID
10G	Ethernet	Fiber	70 km*	Commercial	DWDM-SFP10G-C-S

*Dependent on fiber chromatic dispersion