

180-T VDSL2 SFP Modem (Telco)

Introduction

The VDSL2 SFP Modem 180-T is a unique Telco-grade VDSL2 SFP modem which is MSA (Multiple Source Agreement) compliant for interfacing SFP slots of network appliances. The 180-T supports most VDSL2 profiles and ADSL2+ backward compatibility, to ensure its great interoperability with the majority of DSLAMs and DP boxes.

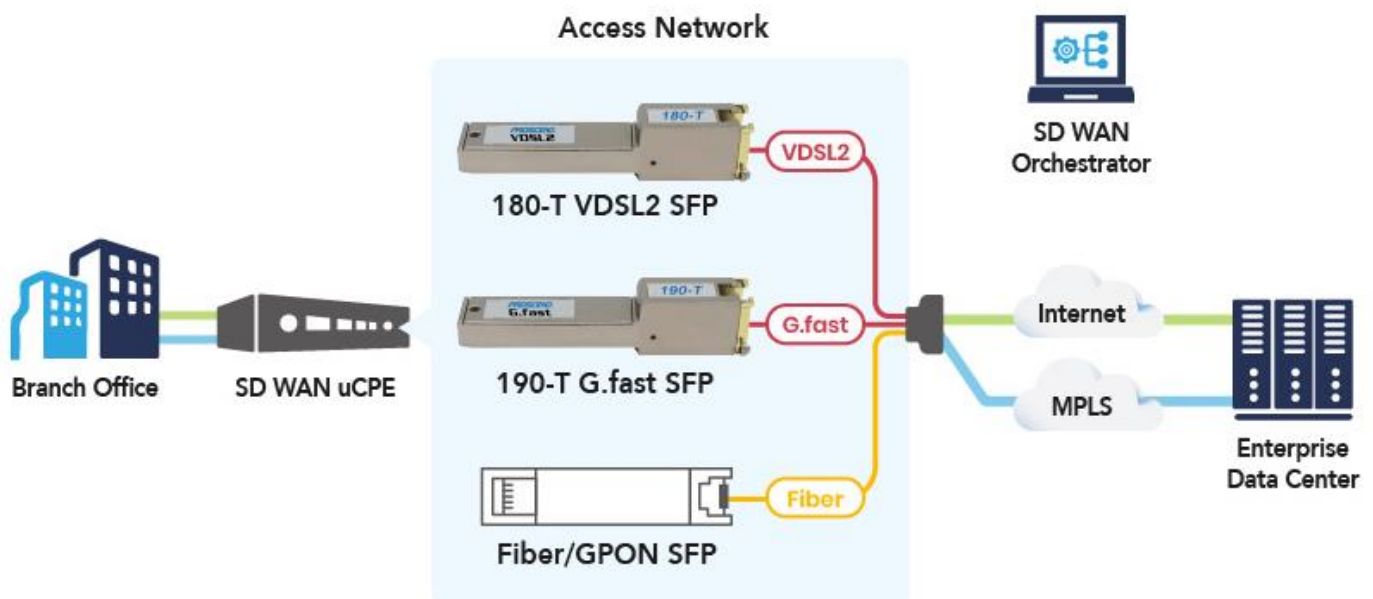


Features

- Support all VDSL2 profiles.
- Maximum aggregated data rate up to 300Mbps.
- ADSL2+ backward compatibility.
- MSA compliant.
- Wide -20°C to 75°C temperature range.

Application

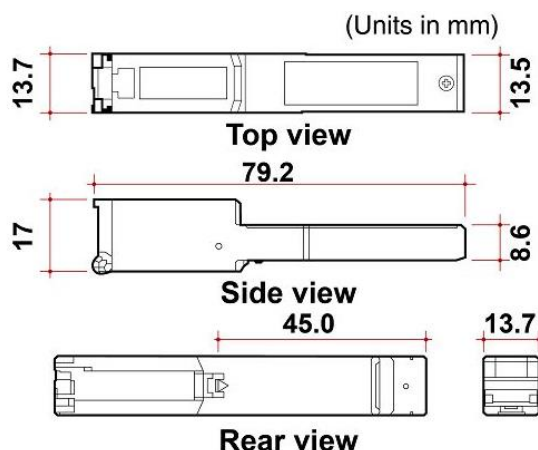
Proscend VDSL2 SFP modem 180-T and G.fast SFP modem 190-T simplify the last mile broadband access in a SD-WAN network. A SD-WAN uCPE locating at branch office is normally equipped with one of multiple SFP slots, for being plugged in off-the-shelf fiber or GPON transceivers while fiber cable represents the last-mile access. Proscend's unique 180-T and 190-T bring the same values over copper wires when VDSL2 or G.fast service is offered by service providers. Just connect the copper cable to a 180-T or 190-T then plug the device into a SFP slot of uCPE, your broadband access will be well established.



Specifications

Hardware	
Interface	RJ45 female connector SGMII / SERDES connect to host
LED Indicators	Power DSL Link Status
Power Requirement	2.1W
Power Supply	3.3V
VDSL2 Transmission Mode	
Band Plan	ITU-T G.933.2 with 6 bands (30 MHz) US0 band support
Profile	8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a
Data Rate	Downstream up to 200Mbps Upstream up to 100Mbps
Frequency Plan	Annex A (998), Annex B (997, 998)
On-line Reconfiguration (OLR)	Bit Swapping, SRA, SOS Bypass, Dynamic Interleaver Depth (D) change
Diagnostic	DELT
G.INP	Retransmission (G.998.4)
G.Vector	Cross Talk Elimination (G.993.5)
ROC	Robust Overhead Channel Bypass
ADSL2/2+ Transmission Mode	
Annex	A/L
Data Rate	Downstream up to 24Mbps Upstream up to 1Mbps
PVC	Up to 8 PVCs
Mode	PTM / ATM
Network Features (Chipset Supporting Packing Required)	
QoS	Flexible packet sorting based on EtherType, VLAN ID or VLAN priority
EBM	Ethernet Boot & Management
Environment	
Operating Temperature	-20 ~ +75°C (SFP cage)
Storage Temperature	-20 ~ +85°C
Operating Humidity	10% to 90% (non-condensed)
Storage Humidity	5% to 95% (non-condensed)
Surge Protection	2KV
Certification	RoHS / CE / FCC

Dimensions



Ordering Information

Model Name	Description
180-T	VDSL2 SFP Modem for Telco

NOTE: Features and specifications are subject to change without prior notice.