



GPON OLT  
 APD  
 1490nm DFB  
 class-1  
 1310nm

APC  
 APD  
 CID  
 MAC  
 SD  
 SD

DDM  
 ONU

WDM  
 DDM  
 1310nm  
 EMI EMC  
 1490nm

1310nm  
 SFP  
 0 to 70°C  
 SC  
 +3.3V

CID  
 APD/TIA  
 1490nm  
 DFB  
 (with WDM)

LVPECL  
 LVTTTL  
 LVTTTL  
 Class 1  
 EMI and EMC  
 ESD

RoHs

Optical transceiver for Gigabit-capable Passive Optical Networks (GPON) Class B+ OLT side

ITU-T G.984.2 Class B+

Small Form-factor Pluggable (SFP) Transceiver MultiSource Agreement July 5, 2000

	V <sub>cc</sub>	V	3.135	3.3	3.465
	T <sub>op</sub>		0	-	70
( )		Mbps	-	2488.32	-
( )		Mbps	-	1244.16	-

Part No	Specification									Application Code
	Package	TX DataRate	Laser	Optical Power	Detector	RX DataRate	Sensitivity	Temp	Standrad	
RTXM167-522	SFP	2.488Gb/s	1490nm DFB	1.5~5dBm	APD	1.244Gb/s	<-28dBm	0~70°C	GPON OLT Class B+	CLASS B+

Ports Definition