2. Features by Module Family

The features available on each model is listed in the below table. The 'S' designates a standard feature (available on all units) and the 'O' designates an optional feature.

	PPCL600	PPCL700
Tuning range [1]	S 38nm O 60nm	S 38nm O 60nm
Maximum Power [1]	S 13.5dBm O 17dBm (C-band) O 16dBm (L-band)	S 13.5dBm O 17dBm (C-band) O 16dBm (L-band) *
In-operation power adjust	S (7dBm-MAX)	S (7dBm-MAX)
In-operation frequency adjust	S (+-12 GHz)	S (+-30GHz)
Fiber	PMF /w short or long tubing	PMF /w short or long tubing
Clean Sweep	O 25GHz	Y up to 200GHz
Clean Jump	O [3]	S [3]
Clean Scan	O [3]	O [3]
No Drift	O [3]	O [3]
Clean Sweep Extended		O [3]
Low RIN configuration		O
Clean Modulation FM		O
Clean Modulation AM		O
Clean Measurement CH1		O [4]
Clean Measurement CH2		O [4]
Analog Output		O [4]
Enclosure [2]	PPCL500	PPCL550
Enclosure fiber	Adapter or pigtail (900um/2mm/3mm)	Adapter or pigtail (900um/2mm/3mm)

Note 1: the customer can choose their desired tuning range (up to 60nm) in the wavelength ranges 1515nm – 1580nm (extended C-band) and 1560nm – 1625nm (extended L-band). Maximum guaranteed power in the tuning range (subject to the selected power level) is as below:

Max Guaranteed Output Power	1515-1520	1520-1525	1525-1570	1570-1575	1575-1580
Extended C-band	15dBm	16 dBm	17 dBm	16 dBm	15 dBm
	1560-1565	1565-1570	1570-1615	1615-1620	1620-1625
Extended L-band	14 dBm	15 dBm	16 dBm	15 dBm	14 dBm

E.g when a customer selects 17dBm for 1515-1575nm range, they are guaranteed at least 15dBm at 1515nm. Power levels above that are best-effort.

Note 2: The enclosure solution integrates the PPCL600/PPCL700 into a metal enclosure with power supplies and a convenient communications interface. The customer will need to plug in a barrel plug from a power supply (included) and a micro-USB cable (included). If analog inputs are included, SMA connectors are added (PPCL550 only). The customer can choose between a fiber adapter in the wall of the module or a fiber pigtail (900um buffer, 2mm cable or 3mm cable).

Note 3: Feature still in development and may be available at extended leadtimes

Note 4: Exact functionality depends on firmware implementation. Customization available.