

**Module type**  
 R - Receiver (Optical In, Electrical Out)  
 V - Dual Receiver (Optical In, Electrical Out)  
 T - Transmitter (Electrical In, Optical out)  
 U - Dual Transmitter (Electrical In, Optical out)  
 X - Transceiver (Optical In/out, Electrical Out/In)

**Electrical Connector**  
 1 - SMA, 50 Ohms  
 2 - F Type, 75 Ohms  
 3 - BNC, 75 Ohms  
 4 - BNC, 50 Ohms  
 5 - MCX, 50 Ohms  
 6 - MCX, 75 Ohms

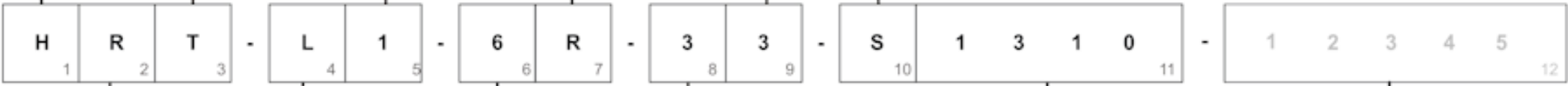
**Module Package**  
 B - Unpackaged PCB  
 D - Rack Blindmate\*  
 R - Rack Plug  
 M - OEM Module  
 N - OEM edge plug in  
 \* Blindmate modules ONLY available with  
 RF: 50 ohm SMA, or 75 ohm BNC  
 Optical: SC/APC ONLY

**Nominal Gain (dB)**

	TX	RX
0	-5	+5
1	NU	NU
2	NU	+11
3	-11	+20
4	NU	NU
5	-15	+15
6	-25	+25
7	-35	+31
8	-11	+14
9	+0	+0

**Laser Type**  
 B - DFB, CWDM dual isolated  $\pm 3\text{nm}$   
 C - DFB, CWDM  $\pm 3\text{nm}$   
 H - DFB, Dual isolated  $\pm 20\text{nm}$   
 K - DFB, High power  $\pm 20\text{nm}$   
 P - DFB, high performance  $\pm 20\text{nm}$   
 S - DFB, standard  $\pm 20\text{nm}$   
 W - DFB with WDM  $\pm 20\text{nm}$

H - ViaLiteHD system



**Data Type**  
 R- RF Link  
 S - Serial data  
 D - Digital sampled

**Optical Connector**  
 0 - Singlemode SC/PC\*  
 1 - Multimode ST/PC  
 2 - Singlemode LC/PC  
 3 - Multimode Lemo 2K  
 4 - Singlemode FC/PC  
 5 - Singlemode Lemo 2K  
 6 - Singlemode FC/APC  
 7 - Singlemode E2000/APC  
 8 - Singlemode SC/APC  
 9 - Singlemode LC/APC  
 Option "0" require double isolated "H" laser

Extra data field for custom parts  
 Insert sale order number and X in any "special fields"

**Frequency Type**  
 B - IF 70/140MHz, 10-200MHz  
 D - DVB-T broadcast, 470-860MHz  
 G - GPS, special function 1GHz-1.8GHz  
 J - L-Band + LNA frequency reference  
 K - L Band + BUC frequency reference  
 L - L Band 950MHz-2150MHz  
 N - General purpose 10MHz-1GHz  
 M - General purpose 10MHz-1.2GHz  
 S - Wideband 10MHz - 3GHz  
 T - Low frequency timing, 2kHz - 50MHz  
 U - Ultra Wideband 2kHz-4.2GHz  
 W - Extra Wideband 10MHz - 4.2GHz

**Options**  
 0 - No LNA feed [TX or RX]  
 1 - +5V LNA feed option out of RF input [TX only]\*  
 2 - +12V LNA feed option out of RF input [TX only]\*  
 3 - LNA/LNB/BUC feed to RF connector from rack to rear panel [TX or RX]\*  
 4 - 20kb/s RS484/422/232 channel [TX or RX]\*\*  
 5 - LNB control 13v/18v/22kHz tone [TX only]\*  
 6 - GPS load simulator \*\*\*  
 7 - Dual module with RF diplexer  
 8 - Dual module with RF diplexer and LNB control 13v/18v/22kHz tone  
 \* Current limits apply, see detailed information for each module  
 \*\* Digital link only in direction of RF link  
 \*\*\* Only available for GPS modules

**Laser Wavelength**

Laser Wavelength	Type
1310	C,S,W
1470	C
1490	C
1510	C
1530	C
1550	C,S,W
1570	C
1590	C
1610	C