

Table—PR type OLT PMD receive characteristics for 10G

Description	10GBASE-PR-D2, 10GBASE-PR-D3
Signaling speed (range)	See Table 75-6
Wavelength (range)	UW0: 1260-1280 nm UW1: 1290-1310 nm
Bit error ratio (max) <sup>a</sup>	1e-2
Average receive power (max)	See Table 75-6
Damage threshold (max)	See Table 75-6
Receiver sensitivity (max)	See Table 75-6
Receiver sensitivity OMA (max)	See Table 75-6
Signal detect threshold (min)	See Table 75-6
Receiver reflectance (max)	See Table 75-6
Stressed receive sensitivity (max)	See Table 75-6
Stressed receive sensitivity OMA (max)	See Table 75-6
Vertical eye-closure penalty	See Table 75-6
T <sub>receiver_settling</sub> (max)	See Table 75-6
Stressed eye jitter	See Table 75-6
Jitter corner frequency for a sinusoidal jitter	See Table 75-6
Sinusoidal jitter limits for stressed receiver conformance test (min, max)	See Table 75-6

<sup>a</sup>The BER of 10<sup>-12</sup> is achieved by the utilization of FEC as described in XXX

Table—PR type ONU PMD transmit characteristics

Description	10GBASE-PR-U1	10GBASE-PR-U3
Signaling speed (range)	See Table 75-8	See Table 75-8
Wavelength (range)	UW0: 1260-1280 nm UW1: 1290-1310 nm	UW0: 1260-1280 nm UW1: 1290-1310 nm
Side Mode Suppression Ratio (min)	See Table 75-8	See Table 75-8
Average launch power (max)	See Table 75-8	See Table 75-8
Average launch power (min)	See Table 75-8	See Table 75-8
Average launch power of OFF transmitter (max)	See Table 75-8	See Table 75-8
Extinction ratio (min)	See Table 75-8	See Table 75-8
RIN <sub>15</sub> OMA (max)	See Table 75-8	See Table 75-8
Launch OMA (min) <sup>b</sup>	See Table 75-8	See Table 75-8
Transmitter eye mask definition {X1, X2, X3, Y1, Y2, Y3}	See Table 75-8	See Table 75-8
T <sub>on</sub> (max)	See Table 75-8	See Table 75-8
T <sub>off</sub> (max)	See Table 75-8	See Table 75-8
Optical return loss tolerance (max)	See Table 75-8	See Table 75-8
Transmitter reflectance (max)	See Table 75-8	See Table 75-8
Transmitter and dispersion penalty (max)	See Table 75-8	See Table 75-8
Decision timing offset for transmitter and dispersion penalty	See Table 75-8	See Table 75-8