

Change the content of Table 75–1, as shown below, adding a column for extended power budget:

Table 75–1—Power budgets

Description	Low Power Budget		Medium Power Budget		High Power Budget		Extended Power Budget		Units
	PRX10	PR10	PRX20	PR20	PRX30	PR30	PRX40	PR40	
Number of fibers	1								–
Nominal downstream line rate	10.3125								GBd
Nominal upstream line rate	1.25	10.3125	1.25	10.3125	1.25	10.3125	<u>1.25</u>	<u>10.3125</u>	GBd
Nominal downstream wavelength	1577								nm
Downstream wavelength tolerance	–2, +3								nm
Nominal upstream wavelength	1310	1270	1310	1270	1310	1270	<u>1310</u>	<u>1270</u>	nm
Upstream wavelength tolerance	±50	±10	±50	±10	±50	±10	<u>±250</u>	<u>±10</u>	nm
Maximum reach <sup>a</sup>	≥10		≥20						km
Maximum channel insertion loss	20		24		29		<u>33</u>		dB
Minimum channel insertion loss	5		10		15		<u>18</u>		dB

<sup>a</sup>A compliant system may exceed the maximum reach designed for given power budget as long as optical power budget and other mandatory optical layer specifications are met.

Change the list of PMD types in 75.2, as shown below, adding newly added PMD types:

## 75.2 PMD types

- a) Asymmetric-rate D-type PMDs (collectively referred to as 10/1GBASE–PRX–D), transmitting at 10.3125 GBd continuous mode and receiving at 1.25 GBd burst mode:
  - 1) 10/1GBASE–PRX–D1
  - 2) 10/1GBASE–PRX–D2
  - 3) 10/1GBASE–PRX–D3
  - 4) 10/1GBASE–PRX–D4
- b) Symmetric-rate D-type PMDs (collectively referred to as 10GBASE–PR–D), transmitting at 10.3125 GBd continuous mode and receiving at 10.3125 GBd burst mode:
  - 1) 10GBASE–PR–D1
  - 2) 10GBASE–PR–D2
  - 3) 10GBASE–PR–D3