In a 10 Mbps CSMA/CO network, the no marriage marriage distance is 2500 m.

2) 100 Mbps

Keeping Tex constant; Toop = Upop, where upop is is constant

My Since To 2 Tong

Neeping St constant: The St => St = This = RThx = RThx = RThx => This = RThx => This = RThx => This = RThx => This TEX > 2 Tprop => Tprop = 1 Ttx

$$= > \frac{D}{\frac{1}{2}T_{\text{tx}}} = \frac{O'}{\frac{1}{2}T_{\text{tx}}} = > D' = \frac{T_{\text{tx}}}{T_{\text{tx}}} D = \frac{Q'}{R'} D$$

O(R=100 Mbps) = 10Mbps - 2500m = (250 m)