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transmission lines parameters types theory electrical4u May 27 2024 transmission line definition a transmission line is a designed conductor that carries large volumes of electrical power across large distances at high voltages line types and lengths transmission lines are categorized by length short lines are under 80 km medium lines between 80 and 250 km and long lines over 250 km

*transmission line wikipedia* Apr 26 2024 in electrical engineering a transmission line is a specialized cable or other structure designed to conduct electromagnetic waves in a contained manner the term applies when the conductors are long enough that the wave nature of the transmission must be taken into account

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**3 2 types of transmission lines engineering libretexts** Dec 22 2023 two common types of transmission line are coaxial line figure pageindex 1 and microstrip line figure pageindex 2 both are examples of transverse electromagnetic tem transmission lines

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