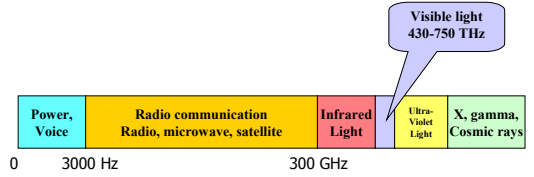


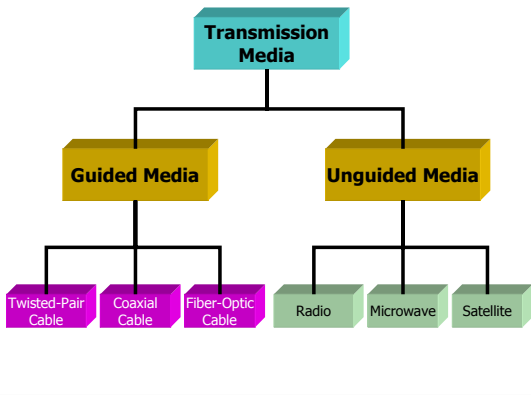
Transmission Media

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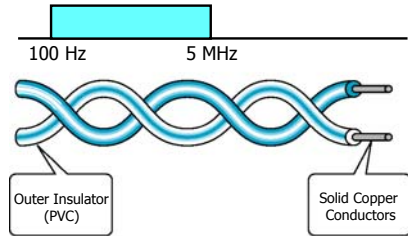
Electromagnetic Spectrum



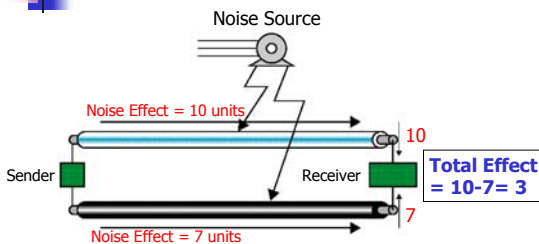
Transmission Media



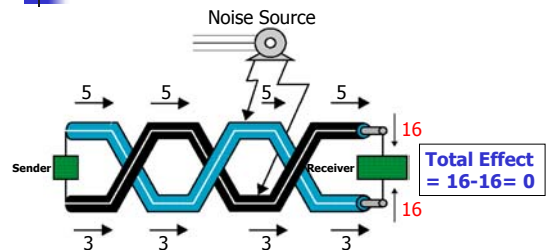
Twisted Pair Cable



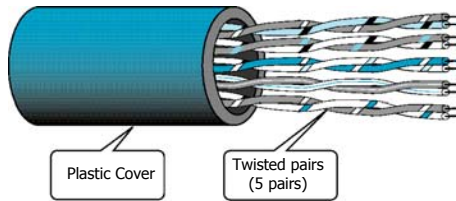
Effect of Noise on Parallel Lines



Noise on Twisted-Pair Lines

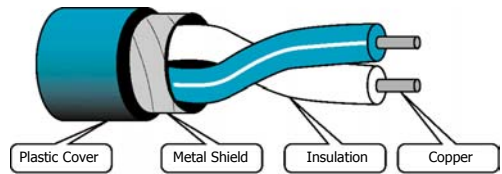


Unshielded Twisted Pair Cable



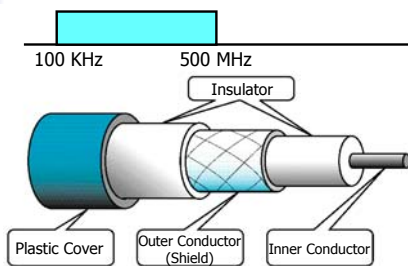
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Shielded Twisted-Pair Cable



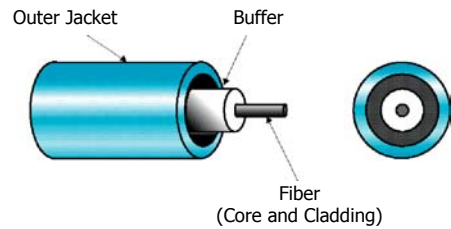
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Coaxial Cable



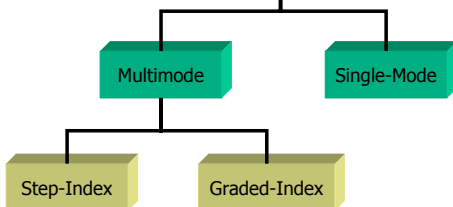
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Fiber Cable

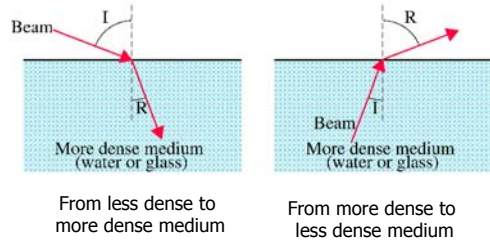


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Fiber-Optic Cable

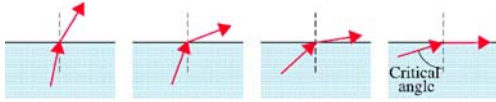


Refraction



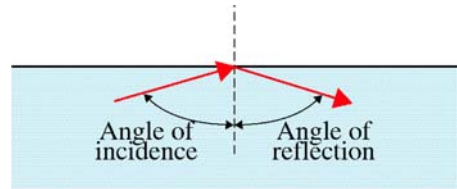
12

Critical Angle



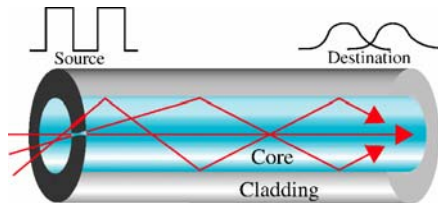
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Reflection



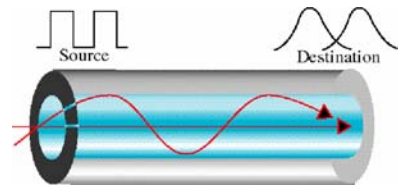
14

Multimode Step-Index



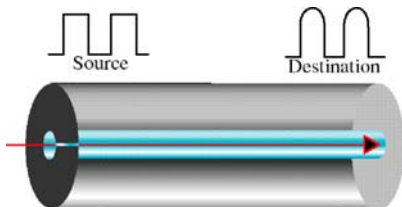
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Multimode Graded-Index



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Single Mode



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