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FACULTY OF ENGINEERING & TECHNOLOGY

DCS-503 Computer Networks

Lecture-09

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OUTLINE

- COXIAL CABLE
- CATEGORIES OF COAXIAL CABLES
- BNC CONNECTORS
- FIBER OPTICS: BENDING OF LIGHT RAY
- OPTICAL FIBER

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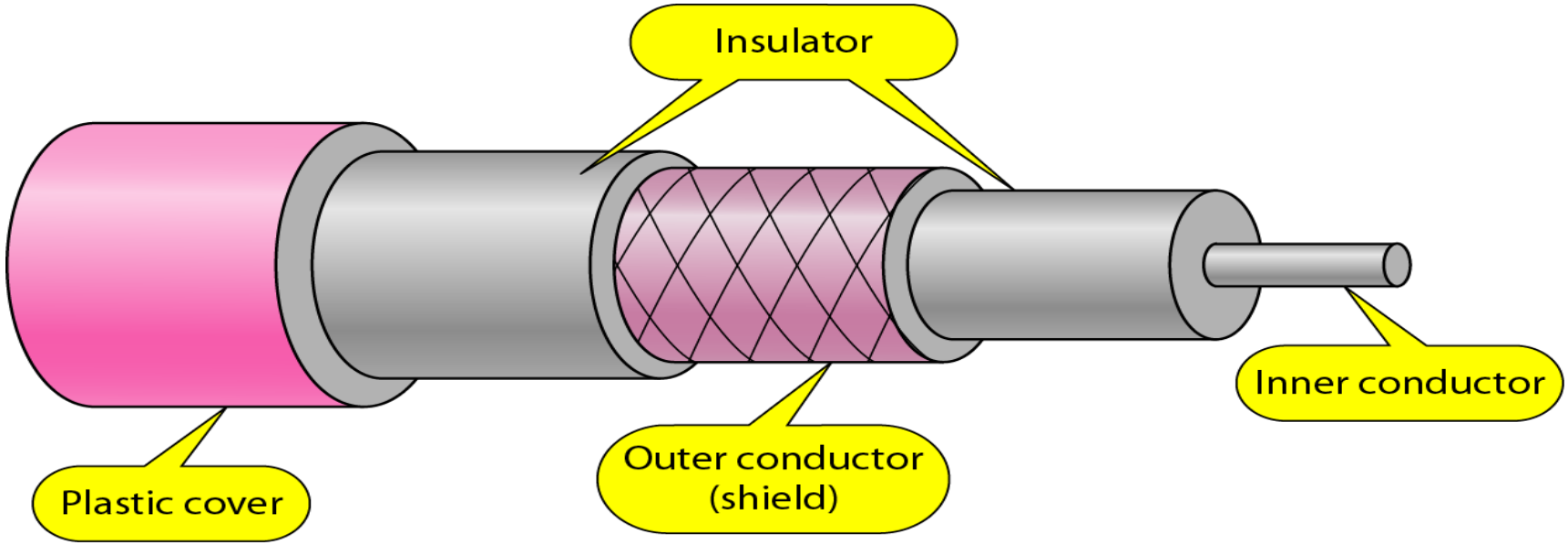
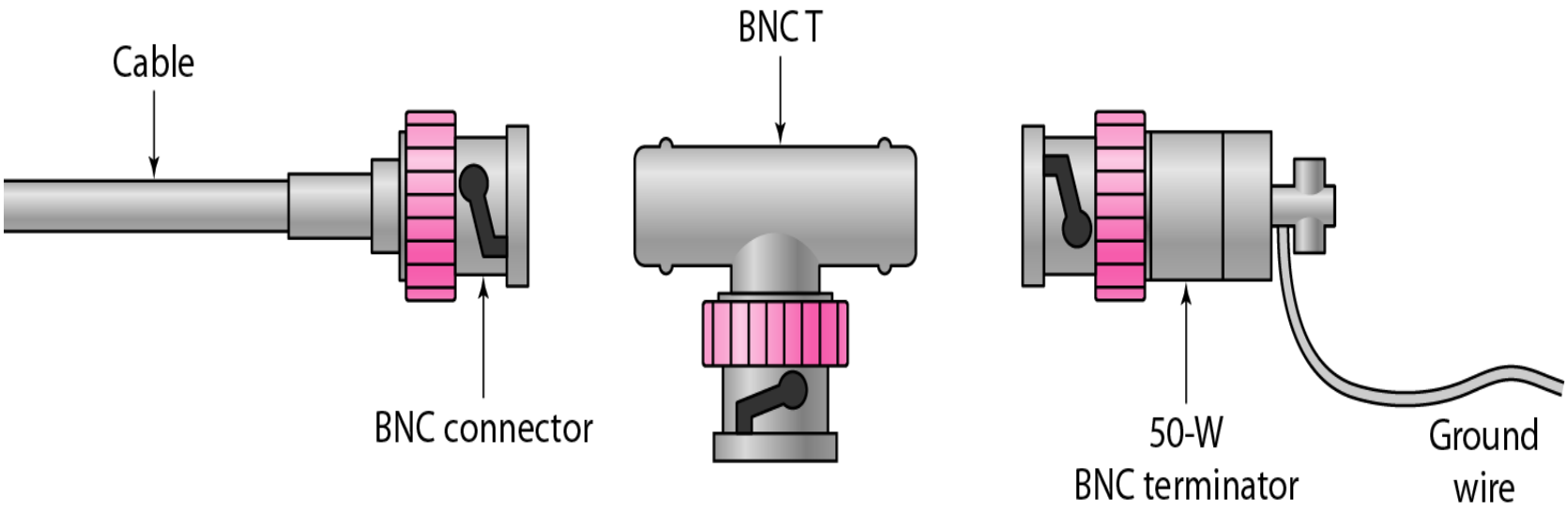
COAXIAL CABLE



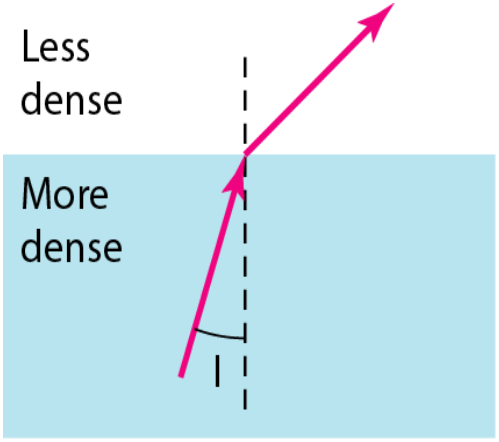
CATEGORIES OF COAXIAL CABLES

Category	*Impedance*	*Use*
RG-59	75 Ω	Cable TV
RG-58	50 Ω	Thin Ethernet
RG-11	50 Ω	Thick Ethernet

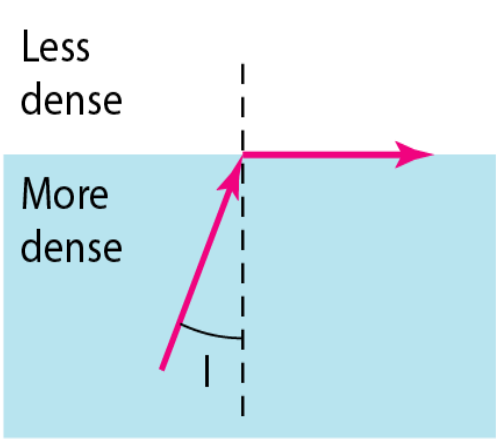
BNC CONNECTORS



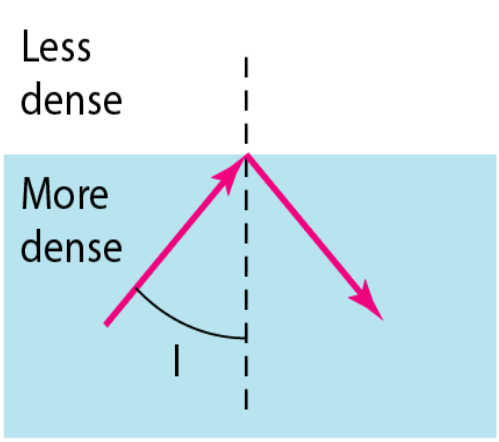
FIBER OPTICS: BENDING OF LIGHT RAY



I < critical angle,
refraction

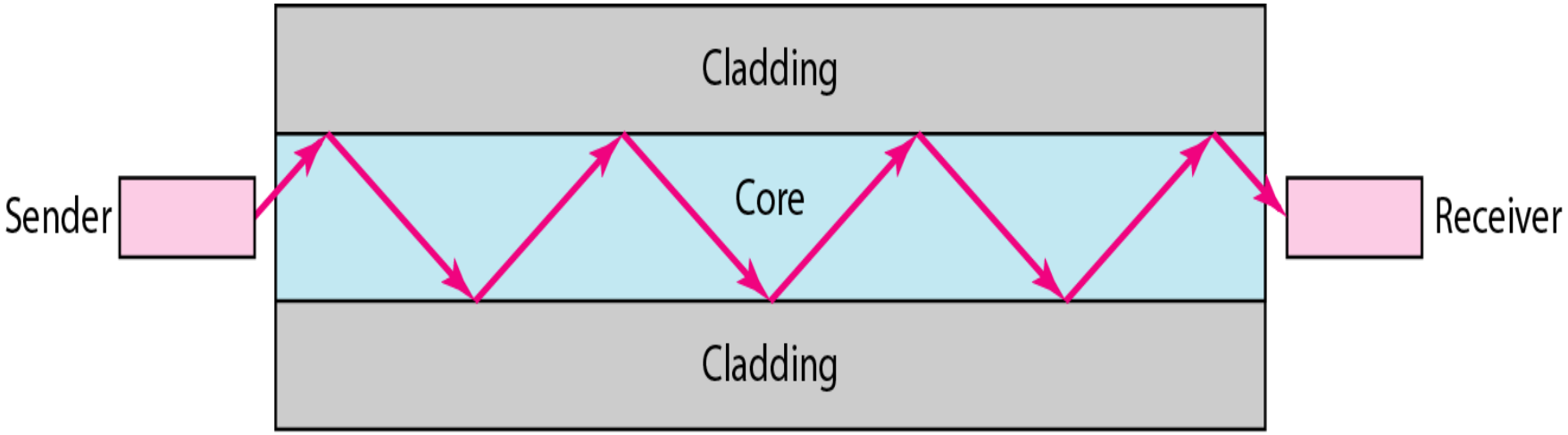


I = critical angle,
refraction



I > critical angle,
reflection

OPTICAL FIBER



Multiple Choice Question

MUTIPLE CHOICE QUESTIONS:

Sr no	Question	Option A	Option B	OptionC	OptionD
1	In classless addressing, there are no classes but addresses are still granted in _____	IPs	Blocks	Codes	Sizes
2	In IPv4 Addresses, classful addressing is replaced with _____	Classless Addressing	Classful Addressing	Classful Advertising	Classless Advertising
3	First address in a block is used as network address that represents the _____	Class Network	Entity	Organization	Codes
4	In classful addressing, a large part of available addresses are _____	Organized	Blocked	Wasted	Communicated
5	Network addresses are a very important concept of _____	Routing	Mask	IP Addressing	Classless Addressing

REFERENCES

- http://www.engppt.com/2009/12/networking-fourozan-ppt-slides.html