

T9C08 (B)

Why is it important to have a low SWR in an antenna system that uses coaxial cable feedline?

- A. To reduce television interference
- B. To allow the efficient transfer of power and reduce losses**
- C. To prolong antenna life
- D. To keep your signal from changing polarization

T9C09 (C)

What can happen to older coaxial cables that are exposed to weather and sunlight for several years?

- A. Nothing, weather and sunlight do not affect coaxial cable
- B. The cable can shrink and break
- C. Losses can increase dramatically**
- D. It will short-circuit

T9C10 (D)

Why is the outer sheath of most coaxial cables black in color?

- A. It is the cheapest color to use
- B. To see nicks and cracks in the cable
- C. Black cables have less loss
- D. Black provides protection against ultraviolet damage**

T9C11 (B)

What is the impedance of the most commonly used coaxial cable in typical amateur radio installations?

- A. 8 Ohms
- B. 50 Ohms**
- C. 600 Ohms
- D. 12 Ohms

T9C12 (A)

Why is coaxial cable used more often than any other feed line for amateur radio antenna systems?

- A. It is easy to use and requires few special installation considerations**
- B. It has less loss than any other type of feedline
- C. It can handle more power than any other type of feedline
- D. It is less expensive than any other types of line