

Section 3

Connectors.

Revise Chapter 5-1 of Foundation theory [HERE](#)

Identification of common coaxial connectors

Task. Using physical examples or photographs or diagrams of 3 types of coaxial connector. Identify at least two of the three types shown. Example PL-259, BNC, N-Type.



Type-N plug



UHF plug



BNC plug

UHF = PL259



Type-N socket



UHF socket



BNC socket

Connectors for Coaxial Cable

Action:

Be able to identify and name the three types of connectors.

FYI

A fourth common connector is emerging in amateur radio. This is the SMA (Sub Miniature version A) connectors. The connector has a 50 Ω impedance and was originally designed for use from DC (0 Hz) to 12 GHz. The SMA connector is used in microwave systems, hand-held radio and mobile telephone antennas and, more recently, with WiFi antenna systems and USB software-defined radio dongles.

SMA

MALE

FEMALE



Have fun and stay safe.