an inner insulating layer configured to enclose at least a part of the first connecting wire;

a second connecting wire configured to enclose at least a part of the inner insulating layer; and

an outer insulating layer configured to enclose at least a part of the second connecting wire and to expose a portion of the second connecting wire; and

a case having a part in contact with the exposed portion of the second connecting wire.

2. The communication terminal of claim **1**, further comprising:

a wireless communication unit; and

a PCB part provided with a plurality of electronic part,

wherein the coaxial cable is configured to electrically connect the PCB part and the wireless communication unit.

3. The communication terminal of claim **1**, wherein the inner insulating layer of the coaxial cable includes a plurality of penetration holes extending in a longitudinal direction.

4. The communication terminal of claim **1**, wherein the outer insulating layer includes at least one recessed portion to expose the portion of the second connecting wire externally, and an inner surface of the case includes at least one fixing portion to fix the coaxial cable thereto by being fitted into the at least one recessed portion.

5. The communication terminal of claim **3**, the outer insulating layer includes at least one recessed portion to expose the portion of the second connecting wire externally, and an inner surface of the case includes at least one fixing portion to fix the coaxial cable thereto by being fitted into the at least one recessed portion.

6. The communication terminal of claim **4**, wherein the fixing portion is integrally formed with the case and the case is formed of a metal based material having electric conductivity.

7. The communication terminal of claim **5**, wherein the fixing portion is integrally formed with the case and the case is formed of a metal based material having electric conductivity.

8. The communication terminal of claim **1**, wherein the first and second connecting wires of the coaxial cable carry respectively different types of electrical signals.

9. A communication terminal including a coaxial cable assembly, the coaxial cable assembly comprising:

a first connecting wire;

an inner insulating layer configured to enclose at least a part of the first connecting wire;

a second connecting wire configured to enclose at least a part of the inner insulating layer;

an outer insulating layer configured to enclose at least a part of the second connecting wire; and

at least one circuit part connected to the second connecting wire to cut of electric waves.

10. The communication terminal of claim **9**, further comprising:

a wireless communication unit;

a PCB part including a plurality of electronic parts; and

a power supply unit,

wherein the first connecting wire electrically connects the wireless communication unit and the PCB part, and the second connecting wire electrically connects the power supply unit and the PCB part.

11. The communication terminal of claim **9**, the circuit part comprising:

a grounding part connected to the second connecting wire to ground the second connecting wire; and

a capacitor provided between the second connecting wire and the grounding part.

12. The communication terminal of claim **9**, wherein the inner insulating layer includes a plurality of penetration holes extending in a longitudinal direction.

13. The communication terminal of claim **9**, wherein the first connecting wire carries an RF signal and the second connecting wire carries a power signal.

14. The communication terminal of claim **9**, wherein the at least one circuit part includes:

a first circuit part provided at a first end portion of the second connecting wire; and

a second circuit part provided at a second end portion of the second connecting wire,

wherein at least one of the first and second circuit parts includes:

a grounding part connected to the second connecting wire to ground the second connecting wire; and

a capacitor provided between the second connecting wire and the grounding part.

15. The communication terminal of claim **11**, wherein the circuit part further comprises a connecting portion between the second connecting wire and the capacitor and a different wire is connected in parallel to the connecting portion.

16. The communication terminal of claim **9**, wherein the outer insulating layer includes a recess that exposes an outer surface of the second connecting wire, and the recess receives a protruding part of a case of the communication terminal to fixedly dispose the coaxial cable assembly in the communication terminal.

17. A mobile terminal comprising:

a case including a plurality of electronic components therein; and

at least one coaxial cable including:

a first connecting wire configured to carry a first type electrical signal between two of the electronic components;

an insulating layer configured to surround substantially the first connecting wire; and

a second connecting wire configured to surround substantially the insulating layer and to carry a second type electrical signal different from the first type electrical signal between two of the electronic components.

18. The mobile terminal of claim **17**, wherein the insulating layer includes a plurality of holes extending along the coaxial cable.

19. The mobile terminal of claim **17**, further comprising:

another insulating layer configured to surround substantially the second connecting wire and to expose a surface of the second connecting wire for providing a grounding function.

20. The mobile terminal of claim **17**, further comprising:

at least one circuit part including a grounding part connected to the second connecting wire to ground the second connecting wire, and a capacitor provided between the second connecting wire and the grounding part.

* * * * *