

# About Coaxial Cables

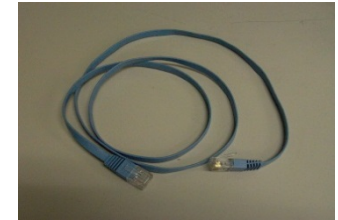
**Use coaxial cables recommended by Panasonic.  
Make sure that no other devices are connected to the coaxial cable.**

## Recommended coaxial cable: RG-6/U

- Insulation resistance: **1 M $\Omega$  or more at 500 VDC**
  - \* A maximum of 60 VDC is applied to the coaxial cable.
- Loop resistance: **20  $\Omega$  or less (at 500 m)**
  - To stably supply power to the camera side unit, the loop resistance must be **20  $\Omega$  or less** at length 500 m (**4  $\Omega$ /100 m**).



RG-6/U cable



Flat-type LAN cable

LAN cables used to connect network cameras compliant with PoE standards:  
**100  $\Omega$  balanced as defined by ISO/IEC11801-2002.**  
(IEEE802.3af Annex 33B)

- \* If the resistance of the LAN cable between the camera side unit and a PoE network camera is larger, voltage drops and operation becomes unstable. When using flat-type LAN cables, pay careful attention to the drop in voltage as failures caused by it have been reported.

- When connecting the coaxial cable to the unit, make sure that no other devices are connected to the coaxial cable. If other devices (such as CCTV cameras) are connected, a failure can be caused.

**Remove other devices  
from the coaxial cable  
to connect the unit.**

