

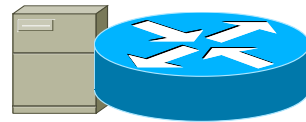
Network Media

1) UTP Straight-through cable (Direct cable)

**Cable 10BaseT/
100BaseT Straight-through**



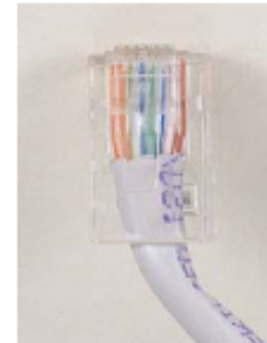
Hub/Switch



Server/Router

Pin	Label		Pin	Label
1	RD+	←	1	TD+
2	RD-	←	2	TD-
3	TD+	→	3	RD+
4	NC		4	NC
5	NC		5	NC
6	TD-	→	6	RD-
7	NC		7	NC
8	NC		8	NC

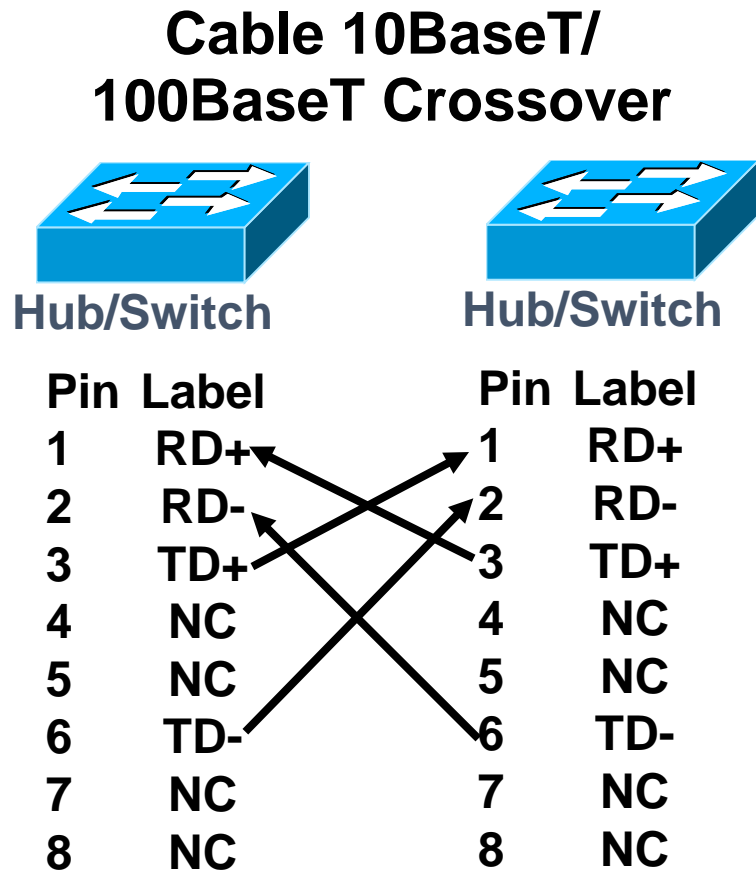
Straight-through Cable



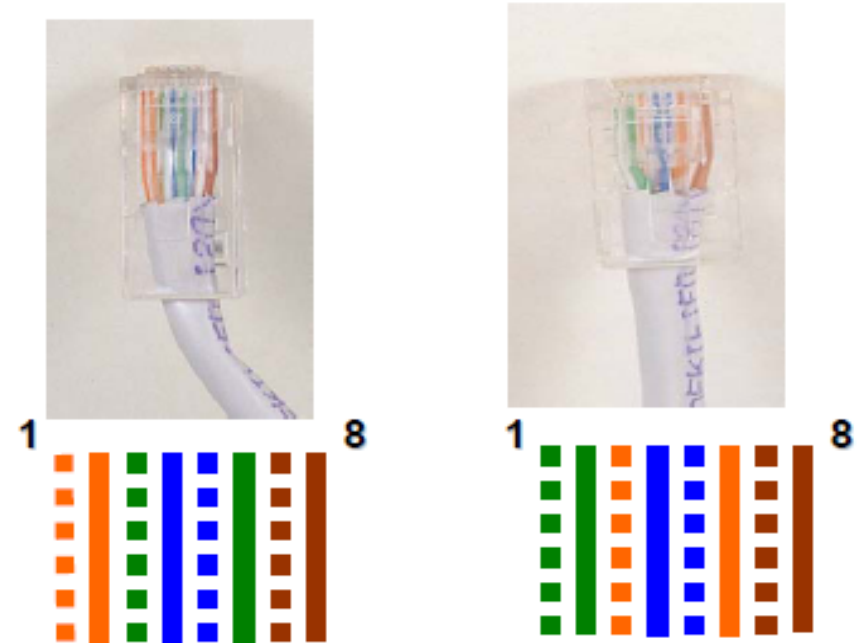
**Wires on cable ends
are in same order**

Network Media

2) UTP Crossover cable



Crossover Cable



1 → 3, 2 → 6 wire를 크로스 시킨다.

Network Media

- 장비 별 **UTP Cabling**

1) **Straight-through cable (Direct cable)**

- **Switch와 Router**
- **Switch와 PC**
- **Switch와 Server**
- **Hub와 PC**
- **Hub와 Server**

2) **Crossover cable**

- **Switch와 Switch**
- **Switch와 Hub**
- **Hub와 Hub**
- **Router와 Router**
- **PC와 PC**
- **Router와 PC**