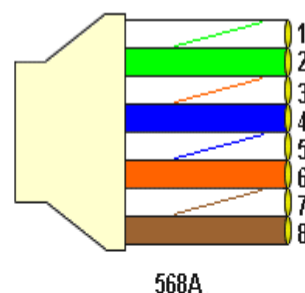
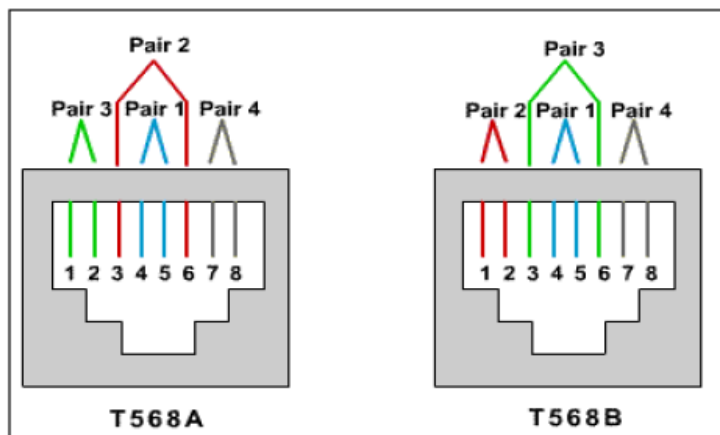
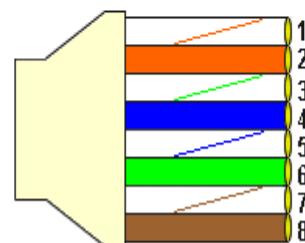


RJ-45 Pinout

Diagram showing both T568-A and T568-B cabling wire colors



568A



568B

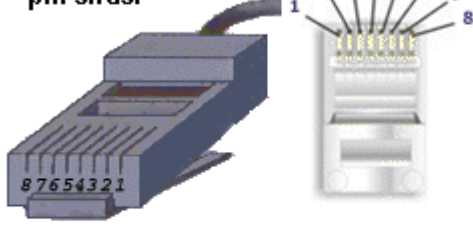
T568-A Cabling

| Pin# | Pair# | Function | Wire Color | Used with 10/100 BASE-T Ethernet? | Used with 100 BASE-T4 and 1000 BASE-T Ethernet? |
|------|-------|----------|--------------|-----------------------------------|---|
| 1 | 3 | Transmit | White/Green | Yes | Yes |
| 2 | 3 | Transmit | Green/White | Yes | Yes |
| 3 | 2 | Receive | White/Orange | Yes | Yes |
| 4 | 1 | Not used | Blue/White | No | Yes |
| 5 | 1 | Not used | White/Blue | No | Yes |
| 6 | 2 | Receive | Orange/White | Yes | Yes |
| 7 | 4 | Not used | White/Brown | No | Yes |
| 8 | 4 | Not used | Brown/White | No | Yes |

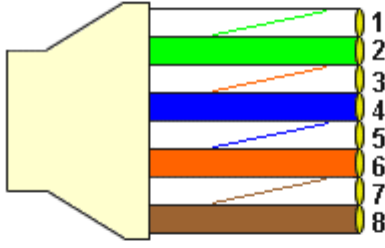
T568-B Cabling

| Pin# | Pair# | Function | Wire Color | Used with 10/100 BASE-T Ethernet? | Used with 100 BASE-T4 and 1000 BASE-T Ethernet? |
|------|-------|----------|--------------|-----------------------------------|---|
| 1 | 2 | Transmit | White/Orange | Yes | Yes |
| 2 | 2 | Transmit | Orange/White | Yes | Yes |
| 3 | 3 | Receive | White/Green | Yes | Yes |
| 4 | 1 | Not used | Blue/White | No | Yes |
| 5 | 1 | Not used | White/Blue | No | Yes |
| 6 | 3 | Receive | Green/White | Yes | Yes |
| 7 | 4 | Not used | White/Brown | No | Yes |
| 8 | 4 | Not used | Brown/White | No | Yes |

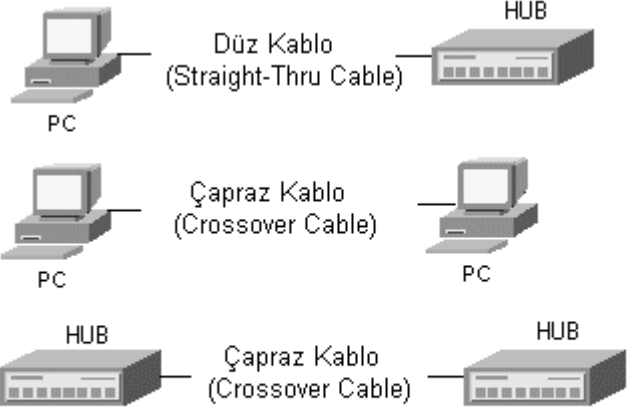
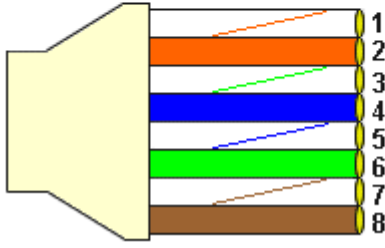
**RJ45 Jak'ın
pin sırası**



**568A şemasına göre
pinlere gelecek tellerin renkleri**



**568B şemasına göre
pinlere gelecek tellerin renkleri**



Düz Kablo (Straight-Thru Cable)

568A<----->568A

veya

568B<----->568B

Çapraz Kablo (Crossover Cable)

568A<----->568B

Aşağıdaki tablo ağ cihazlarının kurulumu esnasında ihtiyaç duyulan bağlantı biçimini tanımlar

| | PC-Ethernet | Hub | Switch | Router | Workstation |
|-------------|-------------|-----------|-----------|-----------|-------------|
| PC-Ethernet | Crossover | Straight | Straight | Crossover | Crossover |
| Hub | Straight | Crossover | Crossover | Straight | Straight |
| Switch | Straight | Crossover | Crossover | Straight | Straight |
| Router | Crossover | Straight | Straight | Crossover | Crossover |
| Workstation | Crossover | Straight | Straight | Crossover | Crossover |

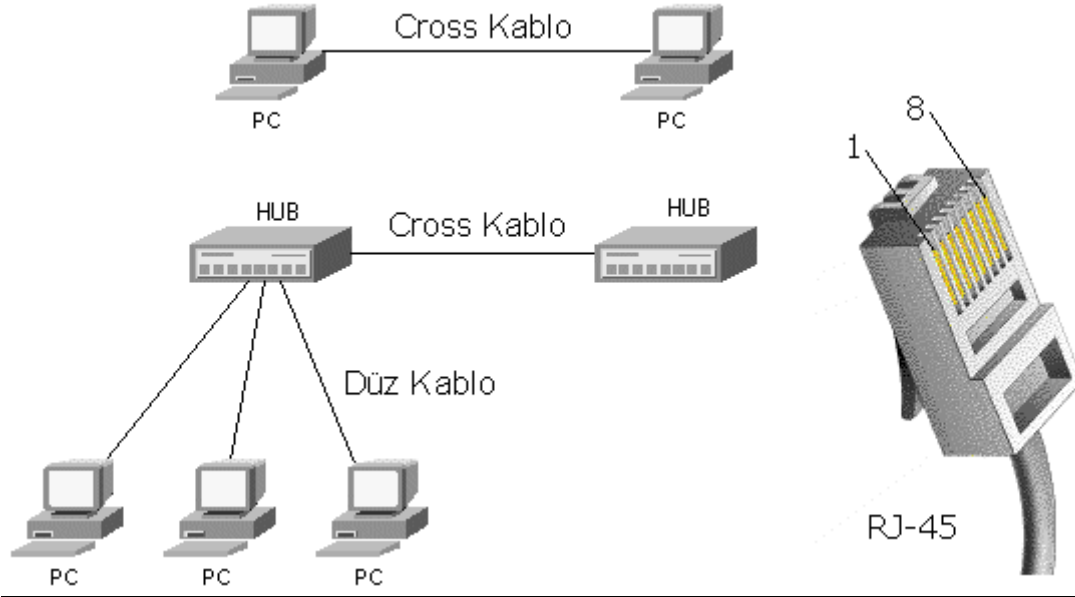
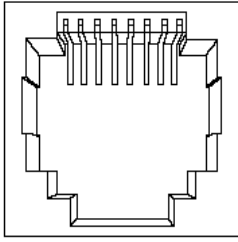


Figure B-1 10/100 RJ-45 Pinouts

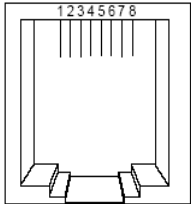
| Pin | Label | 1 2 3 4 5 6 7 8 |
|-----|-------|-----------------|
| 1 | RD+ | |
| 2 | RD- | |
| 3 | TD+ | |
| 4 | NC | |
| 5 | NC | |
| 6 | TD- | |
| 7 | NC | |
| 8 | NC | |



HS318

Figure B-2 RJ-45 Pinouts for 10/100/1000 and 1000BASE-T GBIC Module Ports

| Pin | Label | 1 2 3 4 5 6 7 8 |
|-----|-------|-----------------|
| 1 | TP0+ | |
| 2 | TP0- | |
| 3 | TP1+ | |
| 4 | TP2+ | |
| 5 | TP2- | |
| 6 | TP1- | |
| 7 | TP3+ | |
| 8 | TP3- | |



34751

Düz Kablo (Straight-through)

Figure B-8 Two Twisted-Pair Straight-Through Cable Schematic for 10/100 Ports

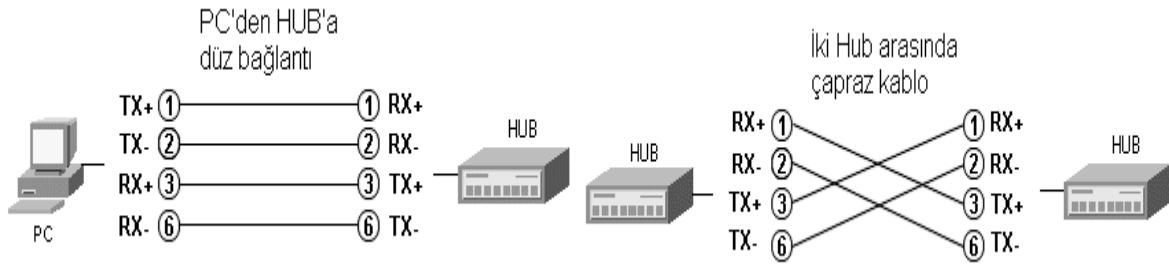
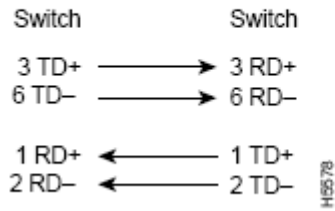


Figure B-10 Four Twisted-Pair Straight-Through Cable Schematic for 10/100 Ports

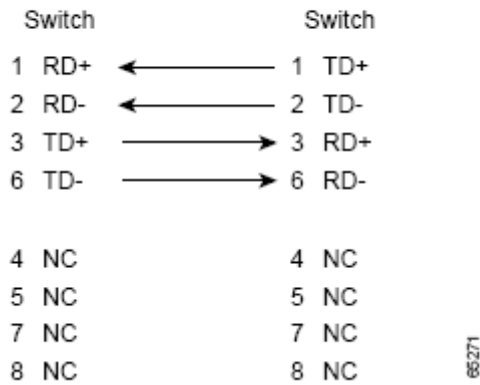
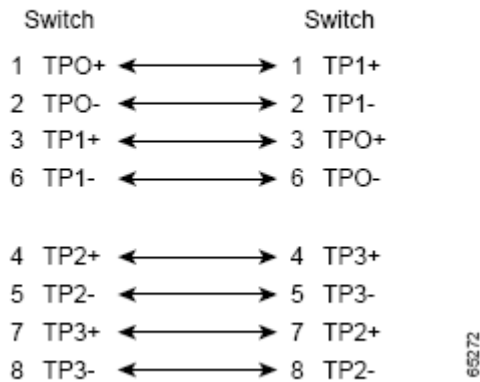


Figure B-12 Four Twisted-Pair Straight-Through Cable Schematic for 10/100/1000 and 1000BASE-T GBIC Module Ports



Çarpaz Kablo (Crossover)

Figure B-9 Two Twisted-Pair Crossover Cable Schematic for 10/100 Ports

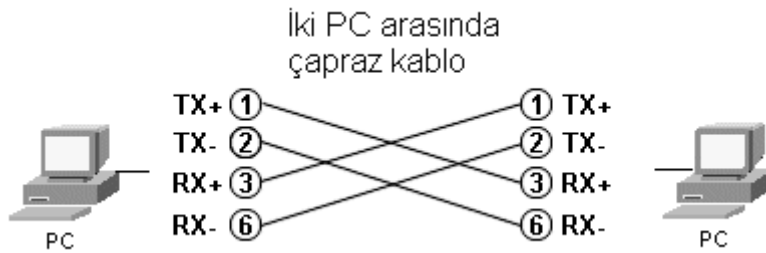
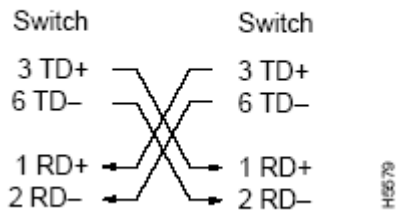


Figure B-11 Four Twisted-Pair Crossover Cable Schematic for 10/100 Ports

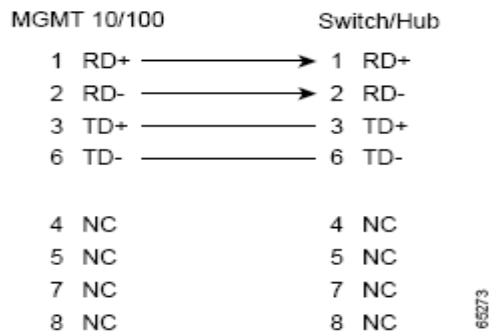
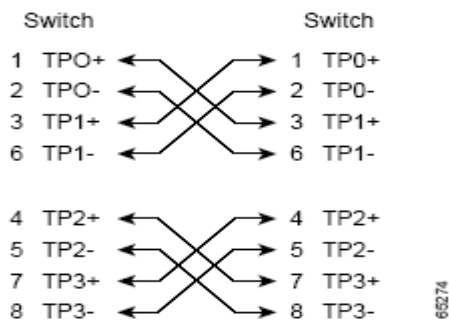


Figure B-13 Four Twisted-Pair Crossover Cable Schematics for 10/100/1000 and 1000BASE-T GBIC Module Ports



RJ-45 Rollover Console Cable (RJ-45, DB9, DB25)

| Console Port (DTE) | RJ-45-to-DB-9 Adapter Cable | | RJ-45-to-DB-25 Terminal Adapter | Console Device |
|--------------------|-----------------------------|----------|---------------------------------|----------------|
| Signal | RJ-45 Pin | DB-9 Pin | DB-25 Pin | Signal |
| RTS | 1 | 8 | 5 | CTS |
| Not connected | 2 | 6 | 6 | DSR |
| TxD | 3 | 2 | 3 | RxD |
| GND | 4 | 5 | 7 | GND |
| GND | 5 | 5 | 7 | GND |
| RxD | 6 | 3 | 2 | TxD |
| Not connected | 7 | 4 | 20 | DTR |
| CTS | 8 | 7 | 4 | RTS |

| Router or switch Console port (DTE) | RJ-45 to RJ-45 Rollover Cable (left end) | RJ-45 to RJ-45 Rollover Cable (right end) | RJ-45 to DB9 Adapter | Console Device (PC workstation serial port) |
|-------------------------------------|--|---|----------------------|---|
| Signal | From RJ-45 Pin No. | To RJ-45 Pin No. | DB9 Pin No. | Signal |
| RTS | 1 | 8 | 8 | CTS |
| DTR | 2 | 7 | 6 | DSR |
| TxD | 3 | 6 | 2 | RxD |
| GND | 4 | 5 | 5 | GND |
| GND | 5 | 4 | 5 | GND |
| RxD | 6 | 3 | 3 | TxD |
| DSR | 7 | 2 | 4 | DTR |
| CTS | 8 | 1 | 7 | RTS |

RS-232 – RS-232 Konsol Kablo (3Com 3300/1100)

PC-AT Serial Cable 9-pin to 9-pin

