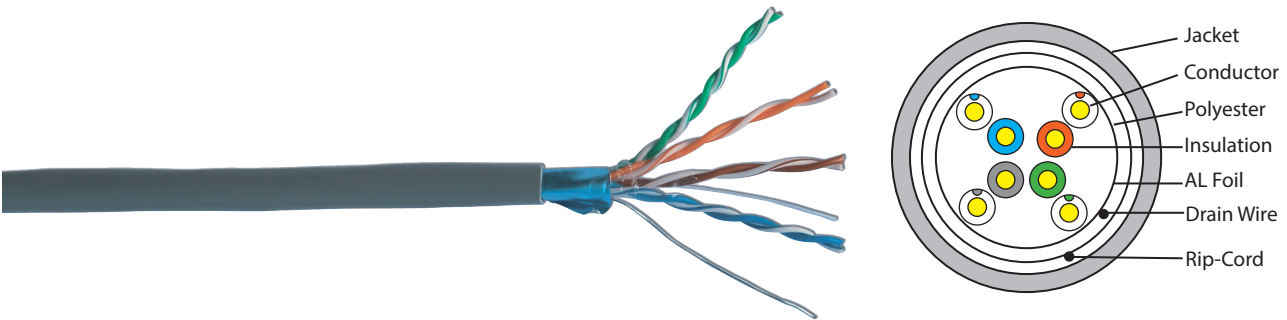


## F/UTP CAT5e Cable



### TECHNICAL PERFORMANCE(100M):

| FREQUENCY (MHz) | RL ≥dB | ATT(20°) ≤dB | NEXT ≥dB | ACR ≥dB | FREQUENCY (MHz) | PSNEXT ≥dB | ELFEXT ≥dB | PSELFEXT ≥dB |
|-----------------|--------|--------------|----------|---------|-----------------|------------|------------|--------------|
| 1.0             | 20.0   | 2.0          | 65.3     | 63.3    | 1.0             | 62.3       | 63.8       | 60.8         |
| 4.0             | 23.0   | 4.1          | 56.3     | 52.2    | 4.0             | 53.3       | 51.8       | 48.8         |
| 8.0             | 24.5   | 5.8          | 51.8     | 46.0    | 8.0             | 48.8       | 45.7       | 42.7         |
| 10.0            | 25.0   | 6.5          | 50.3     | 43.8    | 10.0            | 47.3       | 43.8       | 40.8         |
| 16.0            | 25.0   | 8.2          | 47.2     | 39.0    | 16.0            | 44.4       | 39.7       | 36.7         |
| 20.0            | 25.0   | 9.3          | 45.8     | 36.5    | 20.0            | 42.8       | 37.8       | 34.8         |
| 25.0            | 24.3   | 10.4         | 44.3     | 33.9    | 25.0            | 41.3       | 35.8       | 32.8         |
| 31.25           | 23.6   | 11.7         | 42.9     | 31.2    | 31.25           | 39.9       | 33.9       | 30.9         |
| 62.5            | 21.5   | 17.0         | 38.4     | 21.4    | 62.5            | 35.4       | 27.9       | 24.9         |
| 100             | 20.1   | 22.0         | 35.3     | 13.3    | 100             | 32.3       | 23.8       | 20.8         |

### JACKET PHYSICAL PROPERTIES

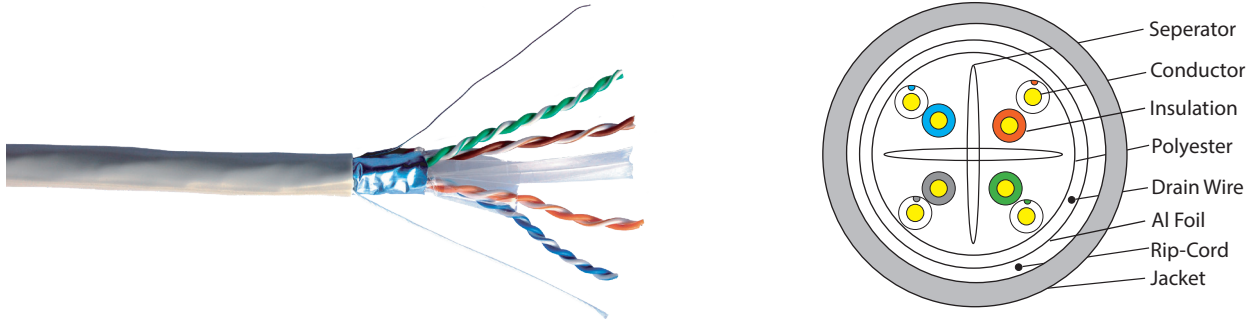
#### JACKET

| ITEM        | AGING            |             | COLD BEND   |                   |
|-------------|------------------|-------------|-------------|-------------------|
|             | AGING PERIOD     | 100°*24H*7D | COLD PERIOD | -20±2°C*4H        |
|             | Before Aging     | After Aging | Bend Radius | 8*Cable O.D.      |
| <b>PVC</b>  | Tensile Strength | ≥13.5 Mpa   | ≥12.5 Mpa   | No Visible Cracks |
|             | Elongation       | ≥150 %      | ≥125 %      |                   |
| <b>LSZH</b> | Tensile Strength | ≥10.0 Mpa   | ≥8.0 Mpa    | No Visible Cracks |
|             | Elongation       | ≥125%       | ≥100%       |                   |
| <b>PE</b>   | Tensile Strength | ≥10.0 Mpa   | ≥8.0 Mpa    | No Visible Cracks |
|             | Elongation       | ≥350 %      | ≥350 %      |                   |

| P/N                | DESCRIPTION                                     |
|--------------------|---|
| ANKFU5.51.PV - E   | Cat5E F/UTP AWG24 PVC Jacket CPR class Eca      |
| ANKFU5.51.LS - E   | Cat5E F/UTP AWG24 LSZH Jacket CPR class Eca     |
| ANKFU5.51.PE - F   | Cat5E F/UTP AWG24 PE Jacket CPR class Fca       |
| ANKFU5.51.PVPE - F | Cat5E F/UTP AWG24 PVC + PE Jacket CPR class Fca |
| ANKFU5.51.LS - D   | Cat5E F/UTP AWG24 LSZH Jacket CPR class Dca     |

Special Jackets in accordance with customer's requirements

## F/UTP CAT6 Cable



### TECHNICAL PERFORMANCE(100M):

| FREQUENCY (MHz) | RL ≥dB | ATT(20°) ≤dB | NEXT ≥dB | ACR ≥dB | FREQUENCY (MHz) | PSNEXT ≥dB | ELFEXT ≥dB | PSELFEXT ≥dB |
|-----------------|--------|--------------|----------|---------|-----------------|------------|------------|--------------|
| 1.0             | 20.0   | 2.0          | 74.3     | 72.3    | 1.0             | 72.3       | 67.8       | 64.8         |
| 4.0             | 23.0   | 3.8          | 65.3     | 61.5    | 4.0             | 63.3       | 55.8       | 52.8         |
| 8.0             | 24.5   | 5.3          | 60.8     | 55.5    | 8.0             | 58.8       | 49.7       | 46.7         |
| 10.0            | 25.0   | 6.0          | 59.3     | 53.3    | 10.0            | 57.3       | 47.8       | 44.8         |
| 16.0            | 25.0   | 7.6          | 56.2     | 48.6    | 16.0            | 54.2       | 43.7       | 40.7         |
| 20.0            | 25.0   | 8.5          | 54.8     | 46.3    | 20.0            | 52.8       | 41.8       | 38.8         |
| 25.0            | 24.3   | 9.5          | 53.3     | 43.8    | 25.0            | 41.3       | 39.8       | 36.8         |
| 31.25           | 23.6   | 10.7         | 51.9     | 41.2    | 31.25           | 49.9       | 37.9       | 34.9         |
| 62.5            | 21.5   | 15.4         | 47.4     | 32.0    | 62.5            | 45.4       | 31.9       | 28.9         |
| 100             | 20.1   | 19.8         | 44.3     | 24.5    | 100             | 42.3       | 27.8       | 24.8         |
| 200             | 18.0   | 29.0         | 39.8     | 10.8    | 200             | 37.8       | 21.8       | 18.8         |
| 250             | 17.3   | 32.8         | 38.3     | 5.5     | 250             | 36.3       | 19.8       | 16.8         |

### JACKET PHYSICAL PROPERTIES

#### JACKET

| ITEM        | AGING            |             | COLD BEND   |                   |
|-------------|------------------|-------------|-------------|-------------------|
|             | AGING PERIOD     | 100°*24H*7D | COLD PERIOD | -20±2°C*4H        |
|             | Before Aging     | After Aging | Bend Radius | 8*Cable O.D.      |
| <b>PVC</b>  | Tensile Strength | ≥13.5 Mpa   | ≥12.5 Mpa   | No Visible Cracks |
|             | Elongation       | ≥150 %      | ≥125 %      |                   |
| <b>LSZH</b> | Tensile Strength | ≥10.0 Mpa   | ≥8.0 Mpa    | No Visible Cracks |
|             | Elongation       | ≥125%       | ≥100%       |                   |
| <b>PE</b>   | Tensile Strength | ≥10.0 Mpa   | ≥8.0 Mpa    | No Visible Cracks |
|             | Elongation       | ≥350 %      | ≥350 %      |                   |

| P/N                | DESCRIPTION                                    |
|--------------------|--|
| ANKFU6.57.PV - E   | Cat6 F/UTP AWG23 PVC Jacket CPR class Eca      |
| ANKFU6.57.LS - E   | Cat6 F/UTP AWG23 LSZH Jacket CPR class Eca     |
| ANKFU6.57.PE - E   | Cat6 F/UTP AWG23 PE Jacket CPR class Eca       |
| ANKFU6.57.PVPE - F | Cat6 F/UTP AWG23 PVC + PE Jacket CPR class Fca |
| ANKFU6.57.LS - D   | Cat6 F/UTP AWG23 LSZH Jacket CPR class Fca     |

Special Jackets in accordance with customer's requirements

