



## ACT Orange 0.5 meter LSZH U/FTP CAT6A datacenter slimline patch cable snagless with RJ45 connectors

**Brand :** ACT

**Product code:** DC7100

**Product name :** Orange 0.5 meter LSZH U/FTP CAT6A datacenter slimline patch cable snagless with RJ45 connectors

Orange, 0.5 m, LSZH, U/FTP, CAT6A, RJ45 connectors

[ACT Orange 0.5 meter LSZH U/FTP CAT6A datacenter slimline patch cable snagless with RJ45 connectors:](#)

CAT6A U/FTP slimline datacenter ethernet cables are smaller in diameter (3.8mm vs 5.9mm) than regular CAT 6A patch cords. The bending radius is lower in comparison with regular patch cords. This results in a better airflow in the server rack/network cabinet.

Although, ISO/IEC and TIA standards describe the use of patch cords between 22 and 26 AWG, it is possible to use 32 AWG patch cables . This results in a higher attenuation, particularly at higher frequencies.

ACT advises a maximum bundle size of 24 cables in PoE applications. In this case the temperature of the cables, that are delivering PoE deployments, will not increase. The standard, ANSI TSB-184-A, limits the maximum temperature increase, to less than 15 degrees Celsius above the ambient temperature, for the center cable in a bundle.



| Features                   |                               | Features                       |             |
|----------------------------|-------------------------------|--------------------------------|-------------|
| Product colour *           | Orange                        | AWG wire size                  | 32          |
| Cable length *             | 0.5 m                         | Frequency                      | 500 MHz     |
| Cable standard *           | Cat6a                         | Bend radius (min)              | 1.5 cm      |
| Cable shielding *          | U/FTP (STP)                   | <b>Operational conditions</b>  |             |
| Connector 1 *              | RJ-45                         | Operating temperature (T-T)    | -20 - 75 °C |
| Connector 2 *              | RJ-45                         | <b>Certificates</b>            |             |
| Connector 1 gender *       | Male                          | Compliance certificates        | CE, RoHS    |
| Connector 2 gender *       | Male                          | <b>Weight &amp; dimensions</b> |             |
| Connector 1 form factor    | Straight                      | Outer diameter                 | 3.8 mm      |
| Connector 2 form factor    | Straight                      | <b>Packaging content</b>       |             |
| Connector contacts plating | Gold                          | Quantity per pack              | 1 pc(s)     |
| Jacket material            | Low smoke zero halogen (LSZH) | <b>Logistics data</b>          |             |
| Cable shape                | Round                         | Warranty period                | 5 year(s)   |
| Conductor material         | Copper                        | <b>Technical details</b>       |             |
|                            |                               | Sustainability compliance      | ✓           |



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### **Catalog Object Cloud**



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