



ACT Orange 2 meter LSZH U/UTP CAT6 datacenter slimline patch cable snagless with RJ45 connectors

Brand : ACT

Product code: DC9102

Product name : Orange 2 meter LSZH U/UTP CAT6 datacenter slimline patch cable snagless with RJ45 connectors

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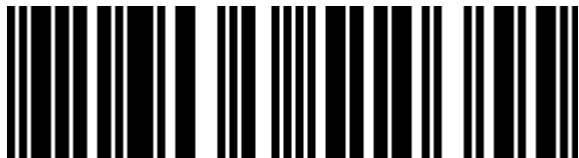
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CAT6 U/UTP slimline datacenter ethernet cables are smaller in diameter (3.8mm vs 5.9mm) than regular CAT 6 patch cords. The bending radius is lower in comparison with regular patchcords. All this results in a better airflow in the server rack/network cabinet.

Although ISO/IEC and the TIA standards describe the use of patch cords between 22 and 26 AWG, it is possible to use 28 AWG patch cables. This results in a higher attenuation, particularly at higher frequencies.

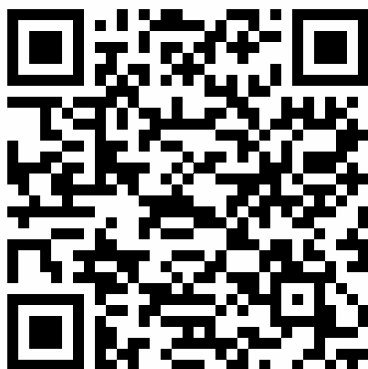
ACT advises a maximum bundle size of 24 cables in PoE applications. In this case the temperature of the cables, that are delivering PoE deployments, will not increase. The standard, ANSI TSB-184-A, limits the maximum temperature increasement, to less than 15 degrees Celsius above the ambient temperature,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

Features		Features	
Product colour *	Orange	Jacket material	Low smoke zero halogen (LSZH)
Cable length *	2 m	Conductor material	Copper
Cable standard *	Cat6	AWG wire size	28
Cable shielding *	U/UTP (UTP)	Frequency	250 MHz
Connector 1 *	RJ-45	Snagless cable boot	✓
Connector 2 *	RJ-45	Operational conditions	
Connector 1 gender *	Male	Operating temperature (T-T)	-20 - 60 °C
Connector 2 gender *	Male	Certificates	
Connector 1 form factor	Straight	Compliance certificates	CE
Connector 2 form factor	Straight	Technical details	
Connector contacts plating	Gold	Sustainability compliance	✓



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