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

Brand : ACT

Product code: DC9302

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

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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	
Product colour *	Purple
Cable length *	2 m
Cable standard *	Cat6
Cable shielding *	U/UTP (UTP)
Connector 1 *	RJ-45
Connector 2 *	RJ-45
Connector 1 gender *	Male
Connector 2 gender *	Male
Connector 1 form factor	Straight
Connector 2 form factor	Straight
Connector contacts plating	Gold

Features	
Jacket material	Low smoke zero halogen (LSZH)
Conductor material	Copper
AWG wire size	28
Frequency	250 MHz
Snagless cable boot	✔
Operational conditions	
Operating temperature (T-T)	-20 - 60 °C
Certificates	
Compliance certificates	CE
Technical details	
Sustainability compliance	✔

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