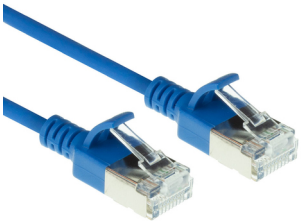
ACT Blue 5 meter LSZH U/FTP CAT6A datacenter slimline patch cable snagless with RJ45 connectors



Brand : ACT

Product code: DC7605

Product name : Blue 5 meter LSZH U/FTP CAT6A datacenter slimline patch cable snagless with RJ45 connectors

CAT6A, U/FTP, RJ45, 32 AWG, LSZH, 100 Ω, 500 MHz

ACT Blue 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 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 therefore recommends a shorter permanent link length than with regular 24 AWG patch cords. So this higher attenuation can be accommodated.
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 *	Blue
Cable length *	5 m
Cable standard *	Cat6a
Cable shielding *	U/FTP (STP)
Connector 1 *	RJ-45
Connector 2 *	RJ-45
Connector 1 gender *	Male
Connector 2 gender *	Male
Connector contacts plating	Gold
Jacket material	Low smoke zero halogen (LSZH)

Features	
Conductor material	Copper
AWG wire size	32
Frequency	500 MHz
Operational conditions	
Operating temperature (T-T)	-20 - 75 °C
Weight & dimensions	
Outer diameter	3.8 mm
Packaging content	
Quantity per pack	1 pc(s)
Logistics data	
Harmonized System (HS) code	84733080

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Catalog Object Cloud

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