



ACT DC7251 networking cable Brown 1.5 m Cat6a U/FTP (STP)

Brand : ACT
Product code: DC7251
Product name : DC7251

Brown, 1.5 m, LSZH, U/FTP, CAT6A, RJ45 connectors

ACT DC7251 networking cable Brown 1.5 m Cat6a U/FTP (STP):

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 *	Brown	Conductor material	Copper
Cable length *	1.5 m	AWG wire size	32
Cable standard *	Cat6a	Frequency	500 MHz
Cable shielding *	U/FTP (STP)	Bend radius (min)	1.5 cm
Connector 1 *	RJ-45	Operational conditions	
Connector 2 *	RJ-45	Operating temperature (T-T)	-25 - 75 °C
Connector 1 gender *	Male	Weight & dimensions	
Connector 2 gender *	Male	Outer diameter	3.8 mm
Connector 1 form factor	Straight	Packaging data	
Connector 2 form factor	Straight	Quantity per pack	1 pc(s)
Connector contacts plating	Gold	Technical details	
Jacket material	Low smoke zero halogen (LSZH)	Sustainability compliance	✓
Cable shape	Round	Sustainability certificates	CE, RoHS



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