

ACT Red 5 meter LSZH U/UTP CAT6 datacenter slimline patch cable snagless with RJ45 connectors

Model: DC9505

Manufacturer: ACT

EAN: 8716065404487

Product Code: 1701508

R766

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

Altough ISO/IEC and the TIA standards describe the use of patch cords between 22 and 26 AWG it's possible to use 28 AWG patchcables but this will result in a higher attenuation, particularly at higher frequencies.

ACT therefore recommends a shorter permanent link length than with regular 24 AWG patchcords to

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accommodate this higher attenuation.

ACT advise a maximum bundle size of 24 cables in PoE applications to assist in limiting the temperature increases in the cables associated with delivering PoE deployments. Current standards (ANSI TSB-184-A)
work limits the maximum temperature increase to less than 15 degrees Celsius above ambient for the centre cable in a bundle.

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