



**ACT Grey 1.5
meter LSZH
U/UTP CAT6
datacenter
slimline patch
cable snagless
with RJ45
connectors**

Model: DC9051

Manufacturer: ACT

EAN: 8716065404425

Product Code: 491812

R1,096

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.

Although 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.

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