

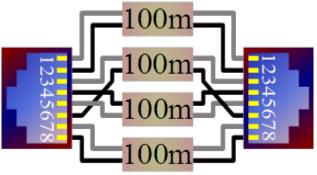
Leading in Affordable and Reliable Cable Simulators

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Address: 402 - 2871 Richmond Road

Ottawa, Ontario, Canada, K2B 8M5

## **Specifications** CAT6-R24-100m-S



GAJ Technology's wireline simulator reproduce the characteristics of 4 pairs (8-wire) of CAT6 network cable with an RJ-45 connector at each end. The simulator can test any devices that use network cables such as routers, DSLAM, etc.

The pins of the RJ-45 are connected according to the Ethernet 568A or 568B standards as shown in the figure at the left.

EIA/TIA 568A or 568B Straight Through GAJ Technology's simulator dimensions are:

24 wirelines rack mount case

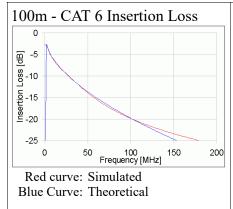
19" x 1.75" x 8.0"

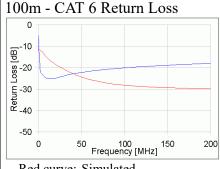
480mm x 45mm x 205mm

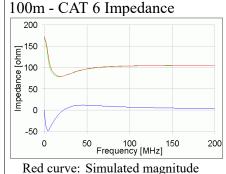
48 ports at the front

The following lengths are available, please contact us for other models.

**CAT 6:** 100m







Red curve: Simulated Blue Curve: Theoretical CAT6

Blue Curve: Simulated imaginary part Green curve: Simulated real part

Note that the 24-wirelines CAT6 model has a little more attenuation at higher frequencies than our standard module CAT6-M-100m-S and 12-wirelines rack mount chassis CAT6-R12-100m-S.

GAJ Technology's simulators are warranted from defects in materials and workmanship for a period of 90 days from date of purchase by the original purchaser. In case of defect in materials or workmanship, we will replace or repair the unit, at our option.