GAJ Technology™
Leading in Affordable and Reliable Cable Simulators

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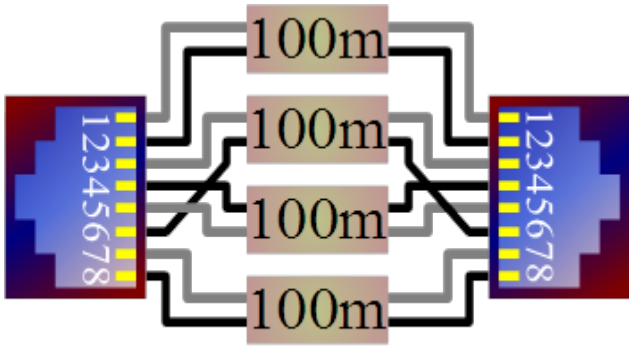
Specifications
CAT6-R12-100m-S



EIA/TIA 568A or 568B Straight Through

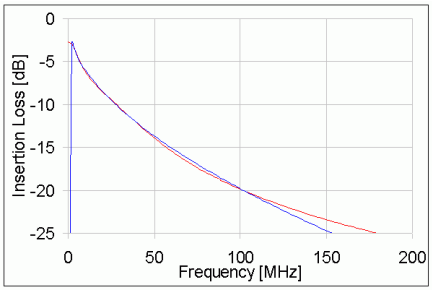
GAJ Technology's wireline simulator reproduce the characteristics of 4 pairs (8-wire) of CAT6 network cable with an RJ-45 connector at each end. The simulator can test any devices that use network cables such as routers, DSLAM, etc.

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

GAJ Technology's simulator dimensions are:
12 wirelines rack mount case
19" x 1.75" x 3.5"
480mm x 45mm x 90mm
12 ports at the front, 12 at the back

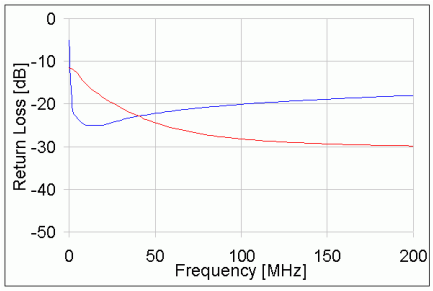
The following lengths are available, please contact us for other models.
CAT 6: 10, 20, 40, 80 and 100m

100m - CAT 6 Insertion Loss



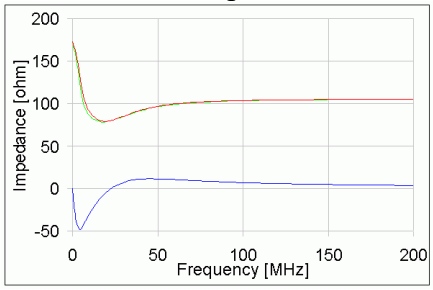
Red curve: Simulated
Blue Curve: Theoretical

100m - CAT 6 Return Loss



Red curve: Simulated
Blue Curve: Theoretical CAT6

100m - CAT 6 Impedance



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

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.