

# GIGA-PUNCH™ Category 6\* Punchdown System

## GIGA-PUNCH Connector Block Test Results

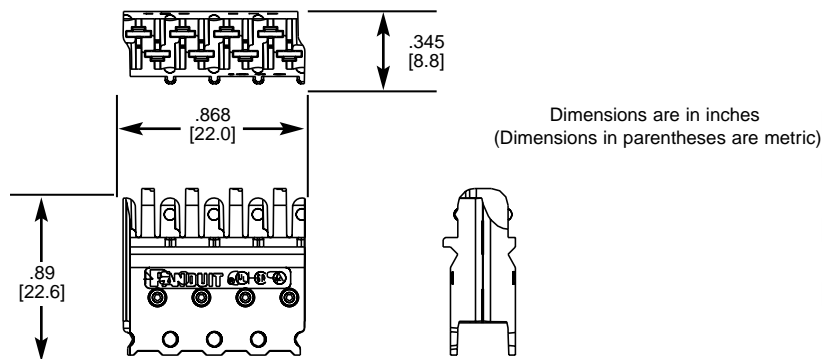
Performance Test	Test Method	100 MHz		250 MHz	
		Required Performance	Typical Test Results (db)	Required Performance	Typical Test Results (db)
<b>NEXT</b>	Proposed addendum to ANSI/TIA/EIA 568-A draft 7 dated August 23, 2000	> 54	60	> 46	52
<b>PS NEXT</b>		> 50	57	> 42	49
<b>FEXT</b>		> 43	56	> 35	47
<b>PS FEXT</b>		> 40	53	> 32	44
<b>Attenuation</b>		< .20	.02	< .32	.03
<b>Return Loss</b>		> 23	28	> 15	24

Consult technical support for cable brand specific channel test results.

Mechanical Test	Test Method	Measurement	Typical Test Results
<b>Vibration</b>	IEC 512-6d	Circuit Resistance Change (mOhms)	< 1
<b>Shock</b>	IEC 512-6c	Contact Disturbance (microsecond)	< 1
<b>Durability</b>	IEC 512-9a	Circuit Resistance Change (mOhms)	< 5

Electrical Test	Test Method	Measurement	Typical Test Results
<b>Low Level Circuit Resistance</b>	IEC 512-2a	Resistance (mOhms)	< 5
<b>Dielectric Withstand Voltage</b>	IEC 512-4a	1000 VAC, 1 minute	Passed
<b>Insulation Resistance</b>	IEC 512-3a	Resistance (mOhms)	> 10,000

Environmental	Test Method	Measurement	Typical Test Results
<b>Temperature Life</b>	IEC 512-9b	Circuit Resistance Change (mOhms)	< 1
<b>Humidity</b>	IEC 512-11c	Circuit Resistance Change (mOhms)	< 2
<b>Thermal Shock</b>	IEC 512-11d	Circuit Resistance Change (mOhms)	< 5
<b>Climatic Sequence</b>	IEC 512-11a	Circuit Resistance Change (mOhms)	< 5
<b>Flowing Mixed Gas Corrosion</b>	IEC 512-11g	Circuit Resistance Change (mOhms)	< 5



\* Proposed addendum to ANSI/EIA/TIA 568-A draft 7, dated August 23, 2000

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