ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Excalibur Systems ESI-1553RPTMil-BUS* at our website: *Click HERE*

ESI-1553RPTMIL-X AIRBORNE REPEATER

The *ESI-1553RPTMil* Repeater box was developed for customers who need to extend the existing length of their bus or provide the capability to utilize long stubs or to connect a number of devices to a single stub. The box was implemented using simple signal detection and switching techniques to minimize the delay through the device. Delay through the unit is in the range of typically of 700 nsec. to 900 nsec. maximum. This rugged Repeater has the same selection as our standard version but with MIL-38999 circular connectors and has been tested for rugged environments.

Each connection to the bus is made through the implementation of a bus coupler in various configurations. Standard MIL-STD-1553 transceivers and digital signal processing are utilized to steer and shape the received signals, and retransmit them in the correct direction. Each of the two connections [J1 and J2] is bi-directional. Its type of connection is defined specifically in each configuration as marked on top of the box. A signal received at either connector will enable the signal to flow through towards the other connector.

P1 provides the power connection to the device which is 12-36 VDC (28V nominal).

Ordering Information:

Part Number	Description
ESI-1553RPTMil-BUS	Single channel bus repeater
ESI-1553RPTMil-STUB	Single channel stub repeater
ESI-1553RPTMil-SPLIT	Single channel stub splitter/extender
ESI-1553RPTMil-S2S	Single channel stub to stub repeater



REQUEST MORE INFORMATION

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP