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 *Shallco H-690DR* at our website: *Click HERE*

- Custom Switches
- Mechanical Assemblies
- Lock-Out Relays
- Detented Power Switches 15 amp
- Detented Power Switches 30 amp
- Power Rocker Switches
- DutySafe® Breakers
- Precision Rotary Switch Products
- Snap-Action Power Switches
- Audio Attenuators and Networks
- Auxiliary Switches



IEEE PES Power & Energy Society
Come Visit Us
IEEE PES TRANSMISSION & DISTRIBUTION EXPO
May 8th - 10th, 2012
Orange County Convention Center
Orlando, Florida
Booth Number 586

Precision Networks

Shallco offers two classes of attenuation networks:



- The 600 Series for general use audio measurements (20-20,000 Hz) when high extreme accuracy is not required. These units provide plug-in impedance matching network options and are economically priced for small labs and broadcast use.
- The 700 Series provides high accuracy over a broad frequency range up to 500 kHz and is usable to 10 mHz for losses less than 50 dB.Power Input: 28dBm (0.6 watt)
  Terminals: 5-way Binding Posts

Portable	Rack Mt.	Impedance	Circuit	Range	Accuracy*
T-690	T-690R	600 ohms	Bridged-T	0-110 dB, 1 dB steps	+/-(2%+0.05dB)
T-693	T-693R	600 ohms	Bridged-T	0-111 dB, 0.1 dB steps	+/-(2%+0.05dB)
T-790	T-790R	600 ohms	Straight-T	0-110 dB, 1 dB steps	+/-(0.5%+0.03dB)
T-795	T-795R	600 ohms	Straight-T	0-111 dB, 0.1 dB steps	+/-(0.5%+0.03dB)

**Accuracy of the setting*

Fixed Attenuator Pads



Impedance in Ohms		Min. Loss in dB	Max. Loss in dB Available by Type			
Input	Output		T-154	T-950	H-154	H-950
30	600	18.92	100	65	60	60
50	600	16.63	100	70	60	60
150	600	11.44	100	75	65	65
600	600	0	100	80	75	75
600	30	18.92	100	65	60	60
600	50	16.63	100	70	60	60
600	150	11.44	100	75	65	65

Note:
1. Observe the minimum and maximum loss limits indicated above when specifying loss.
2. It is necessary to make an external connection between the two "C" terminals on the H-950 type.
3. Resistor accuracy is +/- 1% and continuous power rating is 0.6 watt

Tapped Fixed Attenuator Pads

Type	Circuit	Range in dB	Description
1030-G*	"T"	0-40 dB, 1 dB steps	1, 2, 3, 4, 10 & 20 dB pads
1230-G*	"H"	0-40 dB, 1 dB steps	1, 2, 3, 4, 10 & 20 dB pads
1031	"T"	+4 to +24 VU, 1 VU steps	3600 ohm resistor & 3900/3900 VU pads

*standard impedance is 600 ohms, resistor accuracy is +/- 1% and continuous power rating is 0.6 watt

Branching Networks

Series 1130 branching networks may be obtained in single input/multiple output and multiple input/single output circuits for both balanced and unbalanced lines ("H" or "T"). Loss for a 1x2 or 2x1 is 6 dB; 1x3 or 3x1, 9.5 dB; 1x4 or 4x1, 12 dB. Our staff can assist with formulating the part number for specific applications.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Calibration Services

Shallco is equipped to provide accurate readings up to 100 dB at a frequency of 1000 Hz traceable to NIST. Our ratio standard is accurate to ± .005 dB. Certification accuracy is within ±(0.5% +0.03dB) of the setting over the range of 0.1 dB to 100 dB when measured at 1000 Hz and 600 ohms impedance. Readings at higher frequencies can be supplied with decreased accuracy. Please consult our customer service department for complete details of our test procedures. We can provide either of two certifications: an overall accuracy statement or incremental accuracy with readings of each decade step. Copies of test procedures are available on request.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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