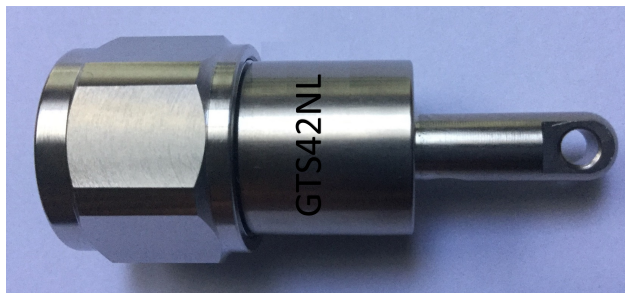


GTS42NL N Male 42 dB Replacement Load



Features

- **RLT (Replaceable Load Technology)**
- **42 dB Return Loss for high accuracy**
- **Easy replacement & OSL repair**
- **Lower OSL operating cost**
- **Designed and made in the USA**

The GTS42NL is a replacement load for the RF Test Parts calibration kit. These cal kits have exceptionally long open and short lifetimes. As with all terminations, the load is more fragile and can be damaged by exposure excessive RF power. RF Test Parts recommends periodic load verification. This load provides very good return loss of 42dB for accurate single ended measurements. The return loss optimized below 6 GHz, and is usable above 11GHz for network analyzer use.

The RF load is easily replaced:

1. Remove the split ring that holds the lanyard, if installed.
2. Unscrew the retaining screw with a 5/64" (2mm) hex key wrench.
3. Slide out the old load.
4. Insert the new load so that the side hole aligns with the screw hole.
5. Firmly tighten the screw until the lanyard eye cannot rotate or move.
6. Replace the lanyard ring, if desired.

Electrical Specifications:

Impedance: 50 Ohms

Frequency: 11GHz (usable to 18 GHz)

Load Power Rating: 2W (33dBm)

Mechanical Specifications:

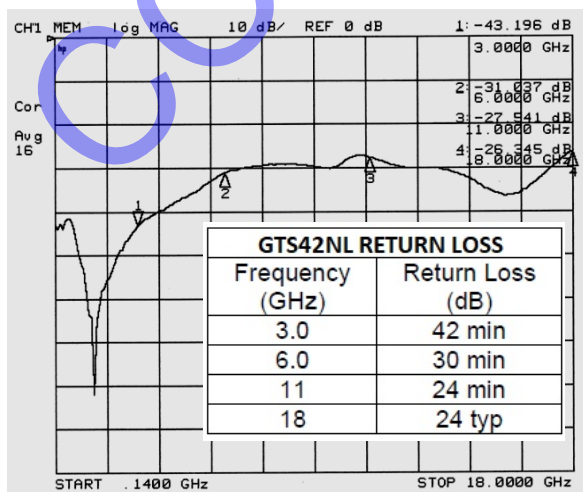
Weight: 1.5oz (40g)

Torque: 10 in-lbs (1.1N-m)

No gasket for easy connection

Brass w/ Gold finish pins

Cycle Life: 500 minimum



Information supplied provided on a best efforts basis. Not responsible for errors or omissions. Subject to change without notice. Please test these parts for suitability to meet your application needs. Refer to our limited warranty.