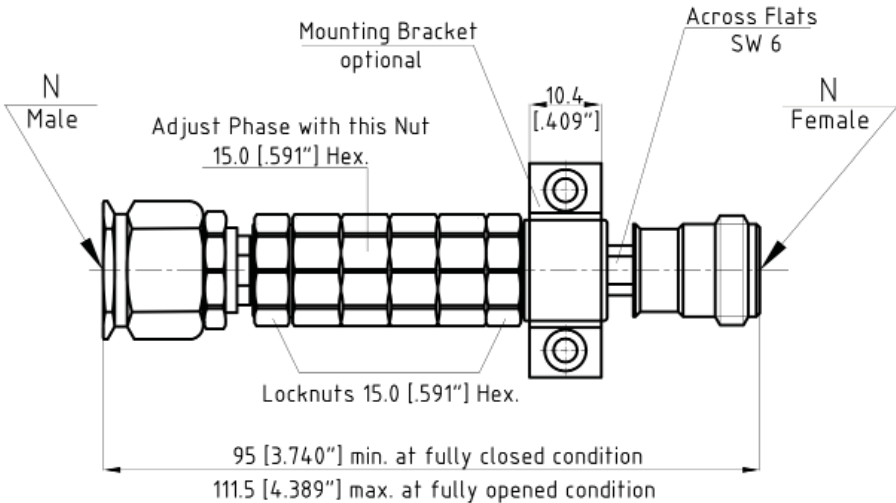
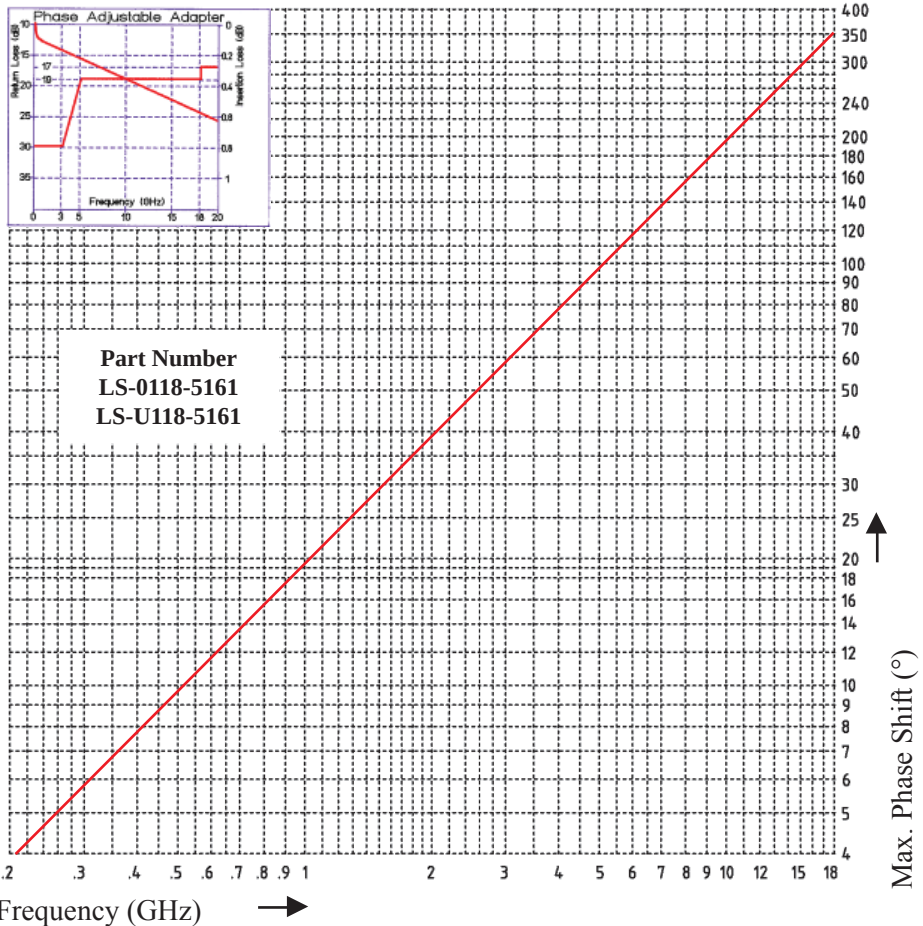


- Precision phase adjustable adapters, DC to 18.0 GHz.
 - Impedance of 50 Ohms is maintained over the full adjustment range.
 - High power solution available.
 - Positive resettable locking mechanism.
 - Smooth continuous phase adjustment.
 - Physical length change of the unit equals the electrical length change.
 - Rugged construction, housing and outer conductors are made from stainless steel.
 - Captivated center contacts
- Spring fingers and center contacts are made from beryllium copper, heat treated and gold plated per ASTM-B-488; Type III, Code C
 - N connector interface specification per MIL-STD-348A.
 - Operating temperature range: -65°C to +70°C, units with extended temperature range are available on request.
 - Mounting Brackets are optional and are shown on the drawings on the next page.
 - Diagram Phase Shift (°) vers. Frequency (GHz), please refer to page D9.

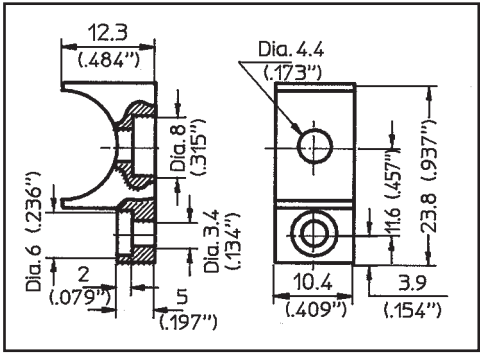


Part Number	Temperature Range	Frequency Range	VSWR max.	Insertion Loss max.	Phase Shift min.	No. of Turns	Nom. Phase Shift Deg./GHz/ Turn	Time Delay (psec.) min. max.	Weight max.
LS-0112-5161 LS-U112-5161	-65° to +70° C	DC - 18.0 GHz	1.25:1	0.5 dB	350° at 18.0 GHz	16.5	1.2	300 355	105 g
LS-0118-5161 LS-U118-5161	-65° to +165° C								



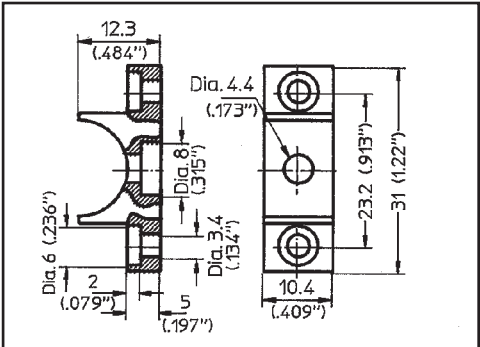
Two different Mounting Brackets are offered. They can easily be added to any Precision Phase Adjuster. Using these standard attachments makes it easy to mount the Phase Shifter in the system or to the test setup and ensures proper operation.

mounting at both sides



Bracket, Part No.: MB-0200-07
Material: Aluminum iridited

mounting at only one side



Bracket, Part No.: MB-0100-07
Material: Aluminum iridited