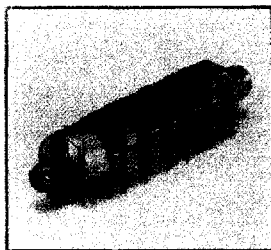


Phase Adjustable In-Series Adapters

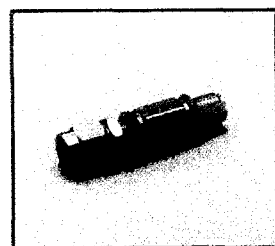
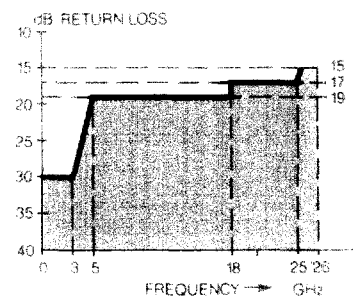
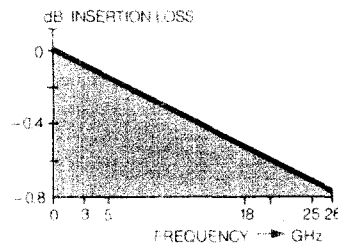
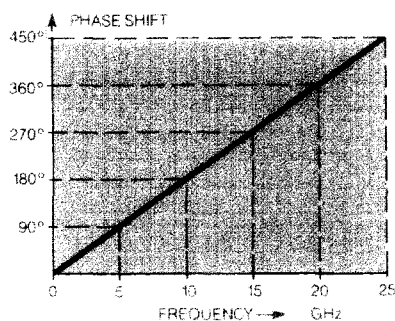
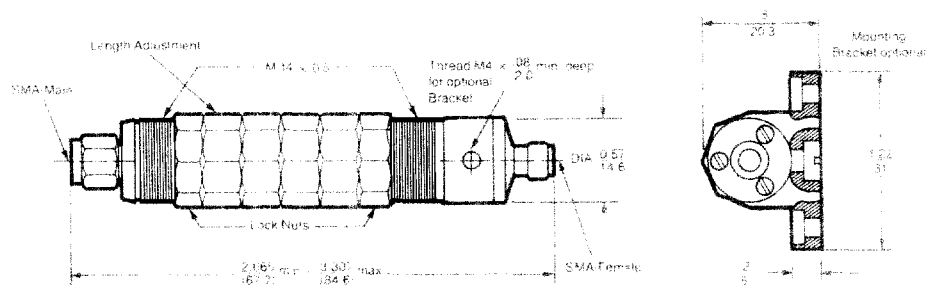


Female to Male Phase Adjustable Adapter

CDI Part No.	Max. VSWR DC - 26.0 GHz
5018CCSF	See Graph Below

Center conductor is captivated.

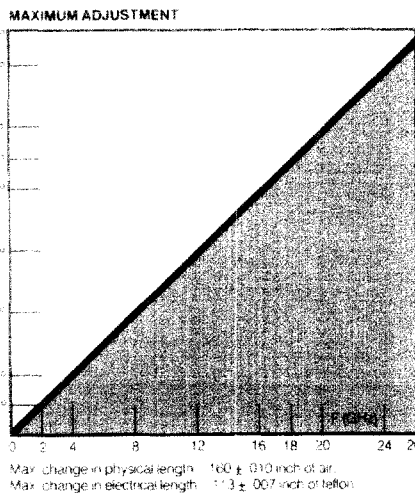
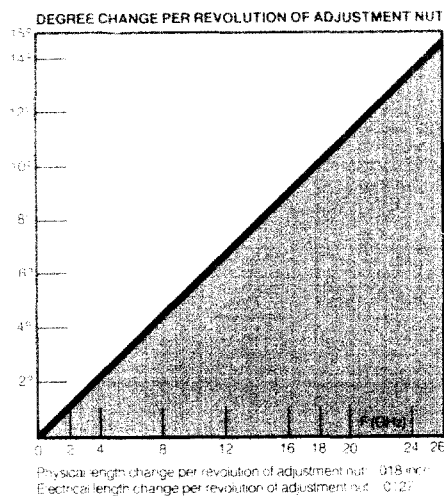
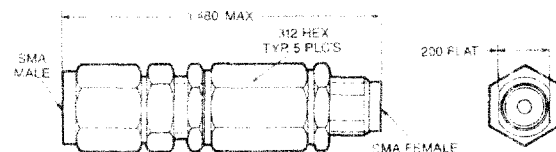
The CDI Model 5018CCSF is a coaxial phase shift adapter, inserted in an SMA terminated line to electrically separate the other components. These bi-directional "line stretchers" travel length is 0.6 in. (15.3 mm) electrically and mechanically. Lock nuts retain the calibrated phase adjustment, and 50 ohms impedance is maintained over the range.



Female to Male Phase Adjustable Adapter

CDI Part No.	Max. VSWR DC - 26.0 GHz
5998CCSF	1.05 + .008 fGHz

Center conductor is captivated.



The CDI Model 5998 coaxial phase shift adapter mates in-series with SMA Male and Female connectors, and allows resettable phase adjustments (up to 126 deg. @ 26 GHz) to alter the electrical distance between other components in cable/connector RF lines. Insertion loss is $.05 \times \sqrt{f}$ (GHz) and 50 ohms impedance is maintained over the adjustment range. The 5998 incorporates a positive locking mechanism for calibration accuracy.