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5018CCSF

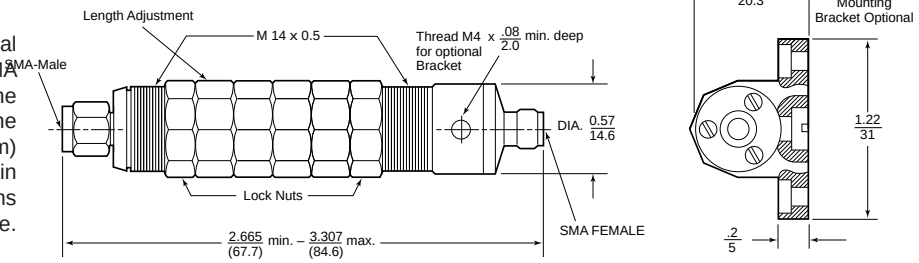
Female to male phase adjustable adapter

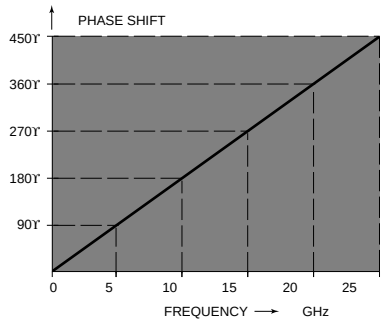
Tensolite Part Number	Max. VSWR DC - 18.0 GHz
5018CCSF	See graph below

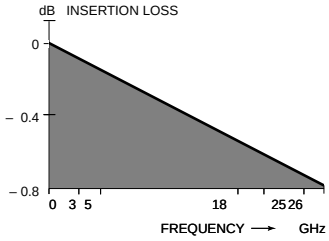
Center conductor is captivated.
Standard finish is passivated.

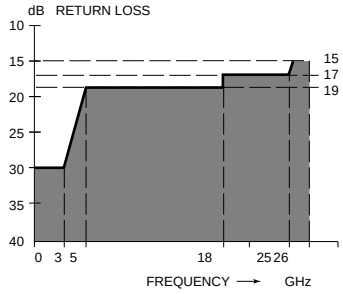


The Tensolite Model 5018CCSF is a coaxial phase shift adapter, inserted in an SMA terminated line to electrically separate the other components. These bi-directional "line stretchers" travel length is 0.6 in. (15.3 mm) electrically and mechanically. Lock nuts retain the calibrated phase adjustment, and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









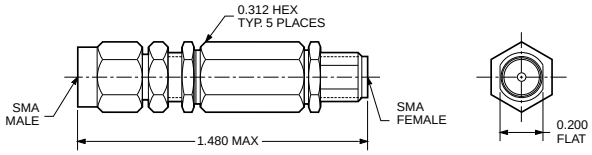
5998CCSF

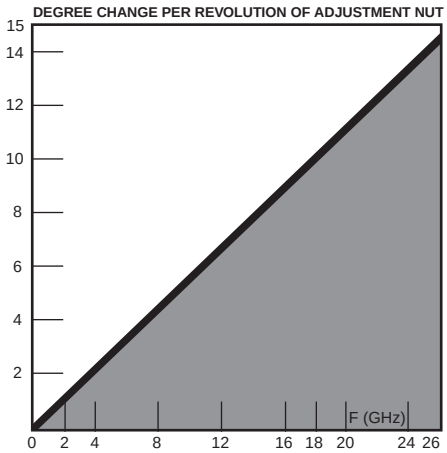
Female to Male Phase Adjustable Adapter

Tensolite Part Number	Max. VSWR DC - 18.0 GHz
5998CCSF	1.05 + .008 fGHz

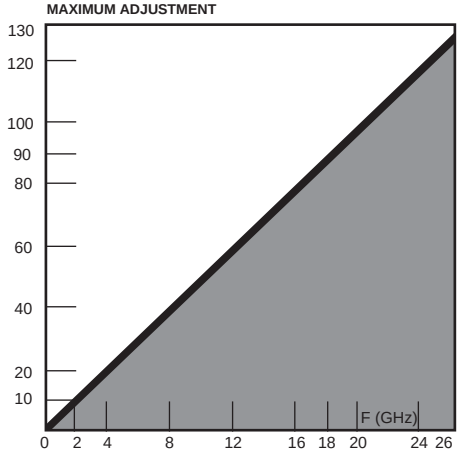
Center conductor is captivated.
Standard finish is passivated.







Physical length change per revolution of adjustment nut: .018 inch
Electrical length change per revolution of adjustment nut: .0127



Max. change in physical length: .160 .010 inch of air.
Max. change in electrical length: .113 .007 inch of PTFE.

The Tensolite 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 x √F (GHz), and 50 ohms impedance is maintained over the adjustment range. The 5998incorporates a positive locking mechanism for calibration accuracy.

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