

W CONNECTOR COMPONENTS EVALUATION KIT INSTRUCTION MANUAL

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The Anritsu logo is displayed in a large, bold, black font. It is centered horizontally and flanked by two horizontal lines that extend to the left and right edges of the page. The top line is a single solid line, and the bottom line is a double solid line.

Congratulations on your purchase of an Anritsu W Connector(experimental kit. This kit will help you assemble coaxial devices to 110 GHz.

Your experimental kit contains parts that enable you to assemble W Connector cable assemblies, W Connector to WR10 waveguide adapters, and W Connector to K Connector(or W Connector to V Connector(adapters. (The K Connector is a 44 GHz coaxial connector system. The V Connector is a 67 GHz coaxial connector system. Both are available, along with the W Connector, from Anritsu Company.)

W Connector experimental kit parts list:

| Quantity | Description | Part Number |
|-----------------|---|--------------------|
| 5 | Female W Connector for UT-47 cable with solid Teflon dielectric | W101F1 |
| 5 | Female W Connector for UT-47 cable with microporous Teflon dielectric | W101F2 |
| 5 | Male W Connector for UT-47 cable | W101M |
| 6 | Sleeve and locknut sets | W105 |
| 2 | UT-47 cable with solid Teflon dielectric, 1 foot length | W047-1* |
| 2 | UT-47 cable with microporous Teflon dielectric, 1 foot length | W047-2* |
| 2 | Housing for W Connector to WR10 waveguide adapter | B28285 |
| 4 | Housing for W Connector to V Connector or K Connector adapter | B28290 |
| 1 | W Connector assembly tool | 01-418 |
| 1 | Assembly tool for K/V launch and for Waveguide/Coax adapter launch | 01-419 |
| 1 | Female K Connector launcher | K102F |
| 1 | Male K Connector launcher | K102M |
| 1 | Female V Connector launcher with 0.012" backside interface | SC3968 |
| 1 | Male V Connector launcher with 0.012" backside interface | SC4872 |

*Part numbers W047-1 and W047-2 refer to UT-47 cable in 5 ft. lengths. These numbers are given for reference purposes. Shorter lengths are supplied in this kit for space considerations.