

# Cable Assemblies

## Site Master™ and VNA Master™

### Introduction

Anritsu’s internally ruggedized Site Master microwave assemblies combine excellent phase and amplitude stability with an integrated environmental protection system for reliable, repeatable measurements over a long service life. Designed for field service, Site Master assemblies have exceptional durability while remaining lightweight and flexible.

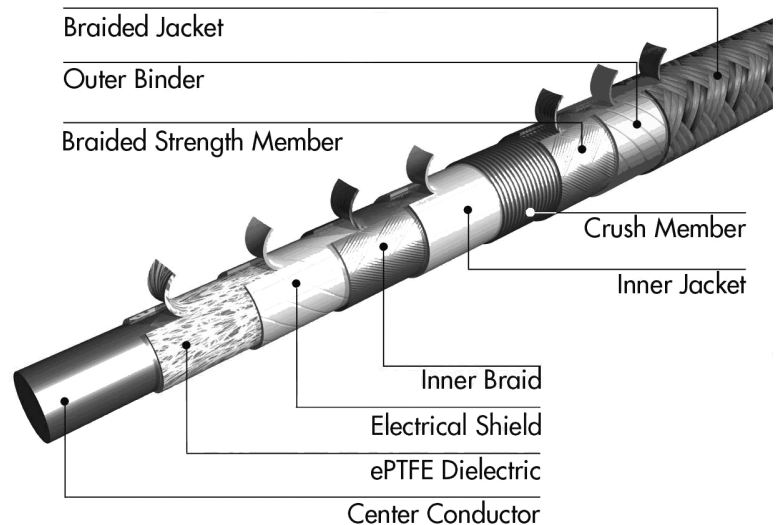
Anritsu Site Master microwave test assemblies combine the electrical advantages of expanded PTFE dielectric with an integrated environmental protection system. These ruggedized assemblies offer excellent durability. Site Master microwave test assemblies are the cost-effective solution to various general-purpose test applications. The assemblies compliment the performance of your Site Master system by guaranteeing performance will not degrade due to inferior assemblies.

### Flexible and Stable

Site Master assemblies are highly flexible, yet do not suffer from the typical performance degradation associated with flexing semi-rigid and traditionally designed flexible assemblies. The internally ruggedized design allows for a 2.5 in. (6.4 cm) minimum bend radius without affecting cable performance. Springback is virtually zero. Phase and amplitude stability are essential for accurate measurements. Performance of these assemblies allows you to make accurate and repeatable measurements while reducing the time required to perform calibrations between measurements.

### Ruggedized Features Include:

- Torque Resistant
- Crush Resistant: 500 lb/linear inch
- Tight Bend Radius (minimum 2.5 in./6.4 cm)
- Wide Temperature Range
- Abrasion Resistant
- Chemically Inert and Resistant
- Lightweight Fiber Braided Jacket
- High Connector Pull Strength



Features	Benefits
Off-the-Shelf Standard Assemblies	Minimize Down Time
Phase and Amplitude Stable with Flexure	Longer Calibration Intervals, Greater Precision and Accuracy
Flexible	User Friendly/Easy to Route
Internally Ruggedized	Crush, Torque and Kink Resistant/Longer Life
Fluid Resistant, Crush Resistant, and Dust/Dirt Proof	Survives Rough Handling and Outdoor Use

Anritsu Cable Part Number	Frequency (GHz)	Connector "A"	Connector "B"	Length (meters)	Return Loss Match (dB)	Insertion Loss Full Cable (dB @ Max Freq)	Impedance (ohms)
15NN50-1.5C	6.0	Precision N-male	Precision N-male	1.5	18	2.0	50
15NN50-3.0C	6.0	Precision N-male	Precision N-male	3.0	18	3.7	50
15NN50-5.0C	6.0	Precision N-male	Precision N-male	5.0	18	6.0	50
15NNF50-1.5C	6.0	Precision N-male	Precision N-female	1.5	18	2.0	50
15NNF50-3.0C	6.0	Precision N-male	Precision N-female	3.0	18	3.7	50
15NNF50-5.0C	6.0	Precision N-male	Precision N-female	5.0	18	6.0	50
15ND50-1.5C	6.0	Precision N-male	7/16-male	1.5	18	2.0	50
15NDF50-1.5C	6.0	Precision N-male	7/16-female	1.5	18	2.0	50
15NNF50-1.0B	18.0	Precision N-male	Precision N-female	1.0	17	2.7	50
15NNF50-1.5B	18.0	Precision N-male	Precision N-female	1.5	17	3.7	50
15NN50-1.0B	18.0	Precision N-male	Precision N-male	1.0	17	2.7	50
15LLF50-1.0A	26.5	3.5 mm-male	3.5 mm-female	1.0	15	3.8	50
15LL50-1.0A	26.5	3.5 mm-male	3.5 mm-male	1.0	15	3.8	50
15KKF50-1.5A	26.5	K-male	K-female	1.5	15	5.1	50
15KK50-1.0A	26.5	K-male	K-male	1.0	15	3.8	50
15KKF50-1.0A	26.5	K-male	K-female	1.0	15	3.8	50
15RKKF50-1.5A	26.5	Ruggedized K-male	K-female	1.5	15	5.1	50



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