Phase Stable Assemblies (ANA-Cable Assemblies)

The Cable Assemblies of Series 22 are Phase Stable Assemblies, designed for the Vector Network Analyzers of Agilent and Anritzu.

The Cables of Types 22 operate to 26.5 GHz.

Spectrum 🔨

One end of the Assembly is usually terminated with a "special" 2.4mm, 3.5mm, or 2.92mm connector.

These connectors are designed with a larger than standard coupling nut for greater stability, mating directly with the RF ports of the Network Analyzers. The other end of the ANA - Assembly may be terminated with any of the connectors available and needed in the customer's test application, mating in direct connection with the device under test. By eliminating expensive adapters the test setup becomes simple and trustworthy. The cable assemblies can be manufactured in various lengths up to 6 meters (20ft.). All necessary piece parts will be carried in stock, helping to facilitate fast deliveries.

Cable assemblies of the most popular lengths, e.g. 30 cm. (11.8") and 45 cm. (17.7"), terminated with preferred connector styles, such as N, 2.4mm and 3.5mm for the Agilent ANAs, 2.92mm and 1.85mm for Anritzu ANAs, will be available, in most cases, within a few days of order placement.

Note:

For special requirements, the cable can be terminated with almost any connector style. Please call your nearest Spectrum Representaive or contact our Marketing or Engineering Staff.

silver plated



Kabelkatalog.indd

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Solid silver plated

Connector Selection Chart

Phase Stable Cable Assemblies



Туре	Frequency	Sex	Description	Remarks	Connector Code	Finish
1.85 mm	DC - 71.0 GHz1)	Male	straigh		VM	passivated Stainless Steel
				Maxi Nut	MV	
				The V2M and V2 developed at Spectrum, have larger than standard coupling threads for greater stability. The connec- tors are used on test ports, test port adapters, and test port cables.	V2M	
		Female			V2	
					VF	
2.4 mm	DC - 50.0 GHz1)	Male Female	straight		HM	passivated Stainless Steel
				Maxi Nut	MZ	
				The H2M and H2 developed at Spectrum, have larger than standard coupling threads for greater stability. The connec- tors are used on test ports, test port adapters, and test port cables.	H2M	
					Н2	
					HF	
2.92 mm	DC - 40.0 GHz1)	Male	straight		KM	
				Maxi-Nut	МК	
				The WIM and WI developed at Spectrum, have larger than standard coupling threads for greater stability. The connec	WIM Sta	passivated Stainless Steel
		Female		tors are used on test ports, test port adapters, and test port cables.	WI	
					KF	
3.5 mm	DC - 26.5 GHz	Male	straight		91	passivated Stainless Steel
				Maxi-Nut	M3	
				The H3M and H3 developed at Spectrum, have larger than standard coupling threads for greater stability. The connec-	НЗМ	
		Female		tors are used on test ports, test port adapters, and test port cables.	Н3	
					92	
7 mm	DC - 18.0 GHz	Connector	straight, Contact 4 equally spaced slots straight, Contact 6 equally spaced slots		90	passivated
					96	Stainless Steel
N SMA	DC - 18.0 GHz DC - 18.0 GHz	Male	straight		51	passivated Stainless Steel passivated Stainless Steel
				PUSH-ON, locking	NS	
		Female			61	
		Male			11	
				Maxi-Nut	MA	
		Ferrel		PUSH-ON, non-locking	SM	
TNC	DC - 18.0 GHz	Female	straight		21	passivated Stainless Steel
		Male		PUSH ON looking	31 TS	
					41	
		i cinale			••	

1) DC - 26.5 GHz for Cable Type 18 and 22.

Note: For Connector Outline Drawings please refer to Section Q.

Specifications are subject to change without notice.

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