

Kupuj tylko przez Meratronik S.A.!

W niniejszym katalogu zamieszczone są linki do produktów na stronach producenta. Zachęcamy jednak do bezpośrednich zakupów przez Meratronik S.A. Poniżej szereg korzyści:

- Ekspresowe pozyskiwanie ofert
- Procedury celne po naszej stronie
- Odroczone termin płatności
- Ciągła dostępność ponad 40 000 elementów
- Obsługa gwarancyjna i pogwarancyjna realizowana przez Meratronik S.A.
- Najniższy koszt transportu
- Dostawa już od 5 dni roboczych

Jak zamawiać?

- Wyszukaj interesujące Cię urządzenia lub akcesoria na stronie producenta lub w katalogu
- Skontaktuj się z nami przez zakładkę **"zapytaj o produkt"** znajdującą się na www.meratronik.pl przy każdej kategorii produktowej lub pisząc bezpośrednio na adres mailowy jm@meratronik.pl
- Chcesz zlecić nam dobór optymalnych rozwiązań?

Jesteśmy do Twojej dyspozycji

ZEAP MERATRONIK S.A.

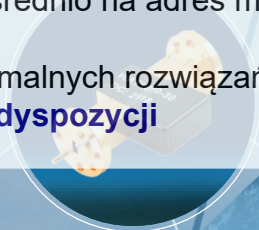
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2022
RF Product Guide



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CALIBRATION KITS

Bench Type Calibration Kits



Connector Series	Impedance (Ohms)	Frequency Range (GHz)	Cal Type	Model No	1 Pc. Price	See Web for Volume Pricing	R O W
2.4mm	50	DC to 50	SOL	PE5CK1015	\$8,549.00	See Web for Volume Pricing	
2.92mm		DC to 40	SOLT	PE5CK1016	\$11,514.07		2
			SOL	PE5CK1017	\$12,346.61		3
3.5mm		DC to 8.5	SOLT	PE5CK1018	\$14,372.11		4
			SOLT	PE5CK1001	\$3,633.44		5
			SOL	PE5500-KIT	\$4,546.17		6
			SOLT	PE5CK1000	\$5,484.45		7
7/16 DIN		DC to 26.5	SOL	PE5CK1019	\$6,995.76		8
			SOLT	PE5CK1020	\$7,743.11		9
7mm		DC to 7.5	SOL	PE5CK1021	\$9,358.71		10
			SOLT	PE5CK1022	\$13,820.83		11
BNC		DC to 18	SOL	PE5CK1023	\$6,463.91		12
			SOL	PE5CK1024	\$7,772.78		13
N		DC to 10	SOLT	PE5501-KIT	\$5,910.34		14
	SOL		PE5CK1025	\$5,353.49	15		
F	DC to 18	SOL	PE5CK1026	\$7,342.75	16		
		SOLT	PE5CK1002	\$2,716.35	17		
		SOLT	PE70MP5000	\$4,700.78	18		

Test & Measurement

VNA TEST CABLES

For Use With Interchangeable Connectors



Impedance (Ohms)	Connector Series	Frequency Range (GHz)	Type	Model No	1	2-4	5-9	10+	R O W
50	3.5mm NMD Female	DC - 26.5	Cable for Interchangeable Connectors	PE310-KIT	\$5,550.61	\$5,356.34	\$5,162.07	\$4,995.55	19

Interchangeable Connectors



Impedance (Ohms)	Connector Series	Frequency Range (GHz)	Gender	Polarity	Type	Model No	1 Pc. Price	See Web for Volume Pricing	R O W
50	3.5mm	DC - 26.5	Female	Standard	Connector	PE44488	\$661.67	See Web for Volume Pricing	20
			Male			PE44487	\$696.53		
	N	DC - 18	Female			PE44486	\$417.48		
			Male			PE44485	\$467.49		

4 - IN - 1 CALIBRATION KITS

Product Features

- Lightweight Portable 4-in-1 Package
- Precision 3.5mm Connectors
- Gold Plated Short Open Load Thru
- Supports 26.5 GHz SOLT Calibration
- Calibration Coefficients on Data Sheet



Connector 1	Impedance (Ohms)	Freq. Range (GHz)	Weight (lbs.)	Model No	1	2-4	5-9	10+	R O W
3.5mm Female Short Open Load Thru	50	DC to 26.5	2.752	PE5CK1012	\$4,067.45	\$3,904.75	\$3,742.05	\$3,579.36	24
3.5mm Male Short Open Load Thru				PE5CK1013	\$4,120.52	\$3,955.70	\$3,790.88	\$3,626.06	25

COAXIAL RF PROBES & PROBE POSITIONING HARDWARE

Product Features

PCB RF Probe Positioner ([PE5TL1000](#)): \$1,269.78

- RF PCB probe positioner holds coaxial probes
- Magnetic mounting plate
- On-Off positioner switch
- Articulated joints
- Multi-axis positioner control

Coaxial RF Microwave GS and GSG Probe Series ([PE2PB1000-PE2PB1003](#)):

- Max. Operating Frequency of 20 GHz
- RF probe Return Loss better than 10 dB
- GS and GSG Probes Feature Gold Plated Contacts
- Compliant coaxial GSG (or GS) pogo pins



RF MICROWAVE PROBES

Probe Tip Config.	Number of Ground	Pitch 1 (µm)	Pitch 2 (µm)	Connector 1	Imp. (Ω)	Freq. Max (GHz)	RL Max (dB)	IL Max (dB)	Model No	1-4	5-9	10-24	25+	R O W
GS	1	800		2.92mm Female	50	40	10	0.5	PE2PB1006	\$882.24	\$838.13	\$794.02	\$758.73	26
				3.5mm Female					PE2PB1002	\$630.58	\$599.05	\$567.52	\$542.30	27
	2	1500	2,500	2.92mm Female					PE2PB1007	\$908.39	\$862.97	\$817.55	\$781.22	28
				3.5mm Female					PE2PB1003	\$649.28	\$616.82	\$584.35	\$558.38	29
GSG	2	800		2.92mm Female	50	40	10	0.5	PE2PB1004	\$947.81	\$900.42	\$853.03	\$815.12	30
				3.5mm Female					PE2PB1000	\$677.30	\$643.44	\$609.57	\$582.48	31
	4	1500	2,500	2.92mm Female					PE2PB1005	\$973.96	\$925.26	\$876.56	\$837.61	32
				3.5mm Female					PE2PB1001	\$695.99	\$661.19	\$626.39	\$598.55	33

40 GHZ SKEW MATCHED CABLES



Product Features

- 1 ps Delay match
- Excellent VSWR of 1.4:1
- 100% tested up to 40 GHz
- Extremely Flexible
- Polarity indicators on cable ends

Connector 1	Connector 2	Max Frequency (GHz)	Max VSWR	Typ Insertion Loss (dB/ft)	Model No	1	2-4	5-9	10+	ROW
2.92mm Male	2.92mm Male	40	1.4:1	1.4	PE3C4680-12	\$1,173.34	\$1,126.41	\$1,079.47	\$1,032.54	34
				2.8	PE3C4680-24	\$1,300.04	\$1,248.04	\$1,196.04	\$1,144.04	35
				5.6	PE3C4680-48	\$1,553.43	\$1,491.29	\$1,429.16	\$1,367.02	36

HANDHELD RF ANALYZER RUGGED PHASE STABLE CABLE ASSEMBLIES

Product Features

- Designed for in-field measurements with handheld or portable analyzers
- Excellent VSWR as low as 1.2:1
- Excellent Phase Stability with Flexure as low as 1.5 degrees
- Rugged Armor provides 1200 p.s.i crush resistance plus torque resistance
- UV resistance jacket
- Each assembly is serialized and includes test data



Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL @fmax (dB/ft)	Phase Stability with Flexure (Degrees)	Length (in)	Model No	1 Pc. Price	See Web for Volume Pricing	ROW		
N Male	7/16 DIN Male	7	50	1.2:1	2.16	1.5	60.0	PE3C4000-60	\$657.16	See Web for Volume Pricing	37		
	7/16 DIN Female				4.92		144.0	PE3C4000-144	\$861.72		38		
		N Male			2.16		60.0	PE3C4001-60	\$928.81		39		
	N Male Right Angle				4.92		144.0	PE3C4001-144	\$1,157.97				
		N Male			9		2.52	60.0	PE3C4002-60		\$536.42	40	
	N Female						5.74	144.0	PE3C4002-144		\$791.30		
		N Male			18		2.52	60.0	PE3C4003-60		\$824.84	41	
	N Female						5.74	144.0	PE3C4003-144		\$1,136.07		
		N Male			27		2.52	60.0	PE3C4004-60		\$536.42	42	
	N Female						5.74	144.0	PE3C4004-144		\$791.30		
		N Male			39.4		1.3:1	2.66	39.4		2.0	PE3C4005-100CM	\$648.53
	PE3C4006-100CM											\$871.78	
	N Male	60.0			3.89		2.0	60.0	PE3C4007-100CM		\$690.69	44	
									PE3C4008-60		\$747.71		
	SMA Male	SMA Female			18		1.3:1	3.89	60.0		PE3C4009-60	\$747.71	45
											PE3C4010-60	\$1,046.18	
TNC Male	TNC Female	18	1.3:1	3.89	60.0	PE3C4011-60	\$1,046.18	46					
						PE3C4012-100CM	\$945.57						
3.5mm Male	3.5mm Female	27	1.3:1	3.46	39.4	4.0	PE3C4013-100CM	\$945.57	47				
3.5mm Female							PE3C4013-100CM	\$945.57		48			
										49			
										50			

Test & Measurement

RUGGEDIZED VNA TEST CABLE ASSEMBLIES

See Our Website For Current Pricing & Real-Time Stock Availability!



Product Features

- Rugged VNA test port extenders
- Torsion resistant connector heads
- Max phase variation +/- 2° with flexure to 18 GHz
- Max phase variation +/- 3° with flexure to 26.5 GHz
- Max phase variation +/- 5° with flexure to 40 GHz
- 5,000 mating cycles minimum
- 75,000 flexure cycles minimum
- Each cable is serialized and comes with RF test data
- SMA, Type-N, 2.92mm and 2.4mm configurations available

Pasternack's ruggedized VNA test cables are designed to provide customers with repeatable accurate VNA measurements. These test cables have excellent electrical properties including low insertion loss, low VSWR and phase stability of +/- 2° to 18 GHz with flexure. Torsion resistant connector heads are directly attached to stainless steel conduit style armoring providing a rugged design for up to 5,000 mating cycles with proper care. The cable armoring enhances amplitude and phase stability by preventing stress due to over bending while maintaining the flexibility required for testing in a lab environment. When used with the appropriate calibration kit these test cables effectively extend the test port of the VNA allowing for accurate measurements of devices that cannot be directly connected to a Network Analyzer test port.

Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL (dB/ft)	IL (dB/m)	Phase Stability with Flexure (Degrees)	Flex Cycles	Model No	1 Pc. Price	See Web for Volume Pricing	ROW				
2.4mm Male	2.4mm Female	40	50	1.38:1	0.83	2.72	5	---	PE3VNA4005-24	\$2,292.19	See Web for Volume Pricing	51				
	2.4mm Male								PE3VNA4004-24	\$2,138.38		52				
2.92mm Male	2.92mm Female	26.5							1.25:1	0.64		2.1	3	PE3VNA2606-24	\$1,649.29	53
		40							1.38:1	0.83		2.72	5	PE3VNA4002-24	\$2,155.32	54
	2.92mm Male	26.5							1.25:1	0.64		2.1	3	PE3VNA2605-24	\$1,616.99	55
		40							1.38:1	0.83		2.72	5	PE3VNA4001-24	\$2,087.53	56
3.5mm Male	3.5mm Female	26.5		1.3:1	0.64	2.1	3	PE3VNA2604-24	\$1,616.99	57						
	3.5mm Male			PE3VNA2603-24				\$1,584.74	58							
N Male	N Female	18		1.25:1	0.52	1.71	2	PE3VNA1804-24	\$874.60	59						
	N Male							PE3VNA1803-24	\$858.46	60						
SMA Male	SMA Female							PE3VNA1802-24	\$858.46	61						
	SMA Male							PE3VNA1801-24	\$842.31	62						

See Web for other lengths

50 AND 67 GHZ TEST CABLE ASSEMBLIES

Product Features

- Highly flexible VNA test cables up to 50 and 67 GHz
- Max phase variation +/- 6° to 50 GHz and +/- 8° to 67 GHz with flexure
- VSWR of 1.3:1 to 50 GHz and 1.4:1 to 67 GHz
- Rated up to 5,000 mating cycles
- Up to 100,000 flex cycles
- Swept right angle connector options available
- Highly flexible stainless steel braided armoring
- Designed for accurate and repeatable measurements



Test & Measurement

Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL @fmax (dB/ft)	Phase Stability with Flexure (Degrees)	Flex Cycles	Model No	1	2-4	5-9	10+	ROW
2.4mm Male	2.4mm Male	50	50	1.300	3.7	6.00	100,000	PE3TC0500-24	\$3,024.23	\$2,903.26	\$2,782.29	\$2,661.32	63
					7			PE3TC0500-48	\$3,179.00	\$3,051.84	\$2,924.68	\$2,797.52	

Continued on Next Page

50 AND 67 GHZ TEST CABLE ASSEMBLIES

Product Features

- Highly flexible VNA test cables up to 50 and 67 GHz
- Max phase variation +/- 6° to 50 GHz and +/- 8° to 67 GHz with flexure
- VSWR of 1.3:1 to 50 GHz and 1.4:1 to 67 GHz
- Rated up to 5,000 mating cycles
- Up to 100,000 flex cycles
- Swept right angle connector options available
- Highly flexible stainless steel braided armoring
- Designed for accurate and repeatable measurements



Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL @fmax (dB/ft)	Phase Stability with Flexure (Degrees)	Flex Cycles	Model No	1	2-4	5-9	10+	ROW
2.4mm Male	2.4mm Female	50		1.300	3.7	6.00	100,000	PE3TC0600-24	\$3,024.23	\$2,903.26	\$2,782.29	\$2,661.32	64
					7			PE3TC0600-48	\$3,179.00	\$3,051.84	\$2,924.68	\$2,797.52	
	2.4mm Male Right Angle				3.7			PE3TC0700-24	\$3,537.13	\$3,395.64	\$3,254.16	\$3,112.67	65
					7			PE3TC0700-48	\$3,688.49	\$3,540.95	\$3,393.41	\$3,245.87	
1.85mm Male	1.85mm Male	67		1.400	4.3	8.00	100,000	PE3TC0800-24	\$3,127.53	\$3,002.43	\$2,877.33	\$2,752.23	66
					8.2			PE3TC0800-48	\$3,279.23	\$3,148.06	\$3,016.89	\$2,885.72	
	1.85mm Female				4.3			PE3TC0900-24	\$3,127.53	\$3,002.43	\$2,877.33	\$2,752.23	67
					8.2			PE3TC0900-48	\$3,279.23	\$3,148.06	\$3,016.89	\$2,885.72	
	1.85mm Male				4.3			PE3TC0800-500CM	Call	Call	Call	Call	68
					8.2			PE3TC1000-24	\$3,637.51	\$3,492.01	\$3,346.51	\$3,201.01	
	1.85mm Male Right Angle				4.3			PE3TC1000-48	\$3,792.44	\$3,640.74	\$3,489.04	\$3,337.35	69
					8.2								

1.0MM FLEXIBLE VNA 110 GHZ PRECISION CABLES

Product Features

- Operating to 110 GHz
- Lightweight, protective armoring
- Precision 1.0mm stainless steel connectors
- Non-conductive protective Nome® outer sleeve
- Easy assembly is serialized and includes test data



Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL @fmax (dB/ft)	Phase Stability with Flexure (Degrees)	Length (in)	Model No	1	2-4	5-9	10+	ROW
1.0mm Male	1.0mm Male	110	50	1.5	3.12	1.5	6.0	PE3TC1220-6	\$6,373.75	\$6,118.80	\$5,863.85	\$5,608.90	70
					5.62		PE3TC1220-12	\$8,529.33	\$8,188.16	\$7,846.98	\$7,505.81		
	1.0mm Female				3.12		PE3TC1221-6	\$6,373.75	\$6,150.67	\$5,927.59	\$5,736.38	71	
					5.62		PE3TC1221-12	\$6,652.90	\$6,420.05	\$6,187.20	\$5,987.61		

PE-TC195 SERIES PHASE STABLE TEST CABLE ASSEMBLIES

Product Features

- Phase and amplitude stability with flexure
- Small diameter, lighter weight and lower profile for high density test applications
- Phase change with flexure +/-2° to 18 GHz
- Excellent for multi-port test equipment
- Very flexible and durable cable with a min. bend radius of 1 inch
- Excellent VSWR and insertion loss
- Extra strain relief for extended connector body with booting to enhance stability and longevity
- Each serialized assembly comes with matching test data
- 5,000 mating cycles when properly mated
- In-Stock and ready to ship



See Our Website For Current Pricing & Real-Time Stock Availability!

Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL (dB/ft)	IL (dB/m)	Phase Stability with Flexure (Degrees)	Flex Cycles	Model No	1 Pc. Price	See Web for Volume Pricing	ROW
N Male	N Female	18	50	1.25:1	0.68	2.23	2	75,000	PE3TC0104-24	\$416.24	See Web for Volume Pricing	72
	N Male								PE3TC0103-24	\$369.28		73
SMA Male	SMA Female	27	2.06	6.76	3	PE3TC0105-24	\$357.55	74				
		18				PE3TC0102-24	\$386.89	75				
	SMA Male	18	0.68	2.23	2	PE3TC0202-24	\$600.12	76				
		27				PE3TC0101-24	\$339.94	77				
				2.06	6.76	3	PE3TC0201-24	\$492.52	78			

See Web for other lengths

PE-TC151 SERIES PHASE STABLE TEST CABLE ASSEMBLIES

Product Features

- Phase and amplitude stability with flexure
- Small diameter, lighter weight and lower profile for high density test applications
- Phase change with flexure +/-5° to 18 GHz
- Excellent for multi-port test equipment
- Very flexible and durable cable with a min. bend radius of 0.75 inches
- Excellent VSWR and insertion loss
- Extra strain relief for extended connector body with booting to enhance stability and longevity
- Each serialized assembly comes with matching test data
- 5,000 mating cycles when properly mated
- In-Stock and ready to ship



Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL (dB/ft)	IL (dB/m)	Phase Stability with Flexure (Degrees)	Flex Cycles	Model No	1-9	10-24	25+	ROW
N Male	N Male	18	50	1.3:1	0.85	2.79	5	75,000	PE3TC0302-24	\$301.67	\$286.59	\$271.50	79
									PE3TC0303-24	\$292.28	\$277.67	\$263.05	80
SMA Male	SMA Male	27							PE3TC0301-24	\$250.04	\$237.54	\$225.04	81
									PE3TC0401-24	\$423.75	\$402.56	\$381.38	82

See Web for other lengths

Test & Measurement



Technical Support
+1 (949) 261-1920



Same-Day Shipping,
Even Custom
Cable Assemblies

75 OHM TEST CABLE ASSEMBLIES



Product Features

- Phase and amplitude stability with flexure
- Small diameter, lighter weight and lower profile for high density test applications
- Very flexible and durable cable with a min. bend radius of 0.75 inches
- Each serialized assembly comes with matching test data

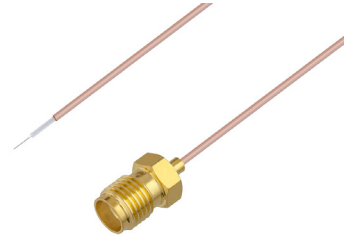
Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL (dB/ft)	IL (dB/m)	Phase Stability with Flexure (Degrees)	Flex Cycles	Model No	1-9	10-24	25+	ROW
N Male	F Male	3	75	1.16:1	0.193	0.63	5	100,000	PE3CA1031-60cm	\$284.41	\$270.19	\$255.97	83
	N Male								PE3CA1032-60cm	\$323.03	\$306.88	\$290.73	84

See Web for other lengths

SEMI-RIGID PIGTAIL TEST PROBES

Product Features

- Operating to 6 GHz
- SMA Female connectors
- Excellent VSWR of 1.3:1
- Straight-cut and pre-stripped probe ends available



Connector 1	Cable	Lead	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL @fmax (dB/ft)	Length (in)	Model No	1-24	25-49	50-99	100+	ROW
SMA Female	PE-020SR	Straight Cut Lead	6	50	1.35:1	0.43	3.0	PE3CA1107-3	\$67.10	\$63.75	\$60.39	\$57.71	85
		Trimmed Lead						PE3CA1104-3	\$104.73	\$99.49	\$94.26	\$90.07	86
	PE-034SR	Straight Cut Lead				0.28		PE3CA1102-3	\$34.79	\$33.05	\$31.31	\$29.92	87
		Trimmed Lead				0.20		PE3CA1105-3	\$39.51	\$37.53	\$35.56	\$33.98	88
	PE-047SR	Straight Cut Lead				PE3CA1103-3		\$34.58	\$32.85	\$31.12	\$29.74	89	
		Trimmed Lead				PE3CA1106-3		\$43.95	\$41.75	\$39.56	\$37.80	90	

See Web for other lengths

26.5 GHZ & 40 GHZ TEST CABLES

Product Features

- Rugged Armored Jacket
- 1.38 Inch [3.5cm] Bend Radius
- RoHS Compliant



Connector 1	Connector 2	Freq. Max (GHz)	Imp (Ohm)	VSWR	IL @fmax (dB/ft)	Length (in)	Model No	1	2-4	5-9	10+	ROW
3.5mm Male	3.5mm Male	26.5	50	1.25	0.64	Various	PE3VNA2603	Call	Call	Call	Call	91
3.5mm Female	3.5mm Female			1.3			PE3VNA2604					92
2.92mm Male	2.92mm Male			1.25			PE3VNA2605					93
		PE3VNA2606	94									
2.92mm Female	2.92mm Female	40	1.38	0.83	PE3VNA4001	Call	Call	Call	Call	95		
2.4mm Male	2.4mm Male				PE3VNA4002					96		
2.4mm Female	2.4mm Female				PE3VNA4004					97		
					PE3VNA4005					98		

Kupuj tylko przez Meratronik S.A.!

W niniejszym katalogu zamieszczone są linki do produktów na stronach producenta. Zachęcamy jednak do bezpośrednich zakupów przez Meratronik S.A. Poniżej szereg korzyści:

- Ekspresowe pozyskiwanie ofert
- Procedury celne po naszej stronie
- Odroczone termin płatności
- Ciągła dostępność ponad 40 000 elementów
- Obsługa gwarancyjna i pogwarancyjna realizowana przez Meratronik S.A.
- Najniższy koszt transportu
- Dostawa już od 5 dni roboczych

Jak zamawiać?

- Wyszukaj interesujące Cię urządzenia lub akcesoria na stronie producenta lub w katalogu
- Skontaktuj się z nami przez zakładkę **"zapytaj o produkt"** znajdującą się na www.meratronik.pl przy każdej kategorii produktowej lub pisząc bezpośrednio na adres mailowy jm@meratronik.pl
- Chcesz zlecić nam dobór optymalnych rozwiązań?

Jesteśmy do Twojej dyspozycji

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