



RADLOK™

Utilizing Amphenol's latest R4 RADSOK® Technology, our RADLOK™ product line was designed to be compact and robust.

Power Interconnect products in today's market often require additional mounting hardware (e.g. washers, clamps, bolts, nuts, etc.) making them prone to costly labor expenses for installation and routine maintenance.

Paired with Amphenol's RADLOK™ PIN, the single finger operation lock feature allows end users to connect any power distribution/storage system in a quick and secure manner.

The RADLOK™ product line is the answer to industries where a custom, reliable, easy to install, rugged, and cost effective solution is required.

Features:

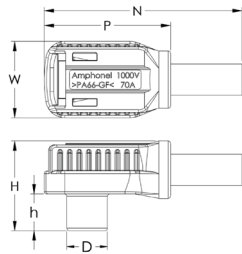
- Voltage Rating: 1000V
- Current Rating: 70A - 400A
- Tool-Free Mechanical Locking
- High cycle durability (500 mating cycles)
- RoHS complaint
- Available in Black, Red, Orange (custom colors available upon request)



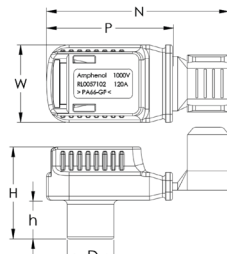
Dimensions

RADLOK™ Connector (Tubular Version)							
RADLOK™ Size (mm)	W	N	H	h	D	P	
3.6	15.5	38.0	18.3	7.3	8.1	27.0	
5.7	18.5	47.7	22.9	9.4	11.2	33.0	
8.0	21.6	56.0	27.7	11.8	14.6	38.8	
10.0	26.0	61.0	35.3	15.9	17.5	37.0	
10.3	26.0	61.0	35.3	15.9	17.5	37.0	
12.0	28.5	70.5	35.9	15.0	20.0	44.5	

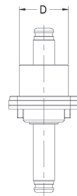
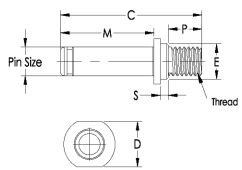
RADLOK™ Connector (Stamped Version)							
RADLOK™ Size (mm)	W	N	H	h	D	P	
5.7	18.5	46.0	21.9	9.2	11.2	30.0	
8.0	21.7	54.4	27.7	12.5	14.6	34.3	
10.0	25.7	65.0	33.3	16.1	17.5	35.7	



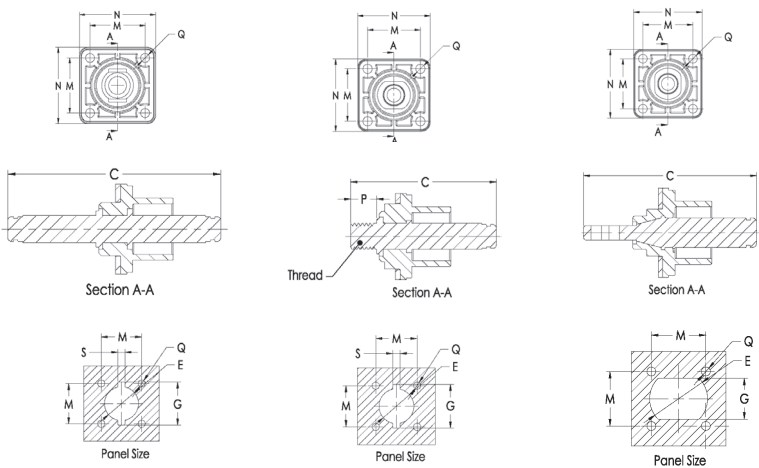
Tubular Lug Version



Stamped Lug Version



Pin Type	Pin End	RADLOK™ Pin Size (mm)	Current (A)	RADLOK™ Dimensions (mm)												
				C	D	E	G	L	M	N	P	Q	S	W	Thread	
Pin	N/A	3.6	70	25.2	5.3	Ø 4.8		17.4	5	1.5		5			M 3 x 0.5-6g	
		5.7	120	33.9	7.8	Ø 7.0		21.1	10	1.5		10			M 6 x 1.0-6g	
		8	200	40.2	12.8	Ø 10.0		26.4	10	2.2		10			M 8 x 1.25-6g	
		10	300	47.4	12.8	Ø 12.0	N/A	N/A	32.2	10	N/A	3.2	N/A		M 10 x 1.5-6g	
		10.3	350	47.4	12.8	Ø 12.0		32.2	10	3.2		10			M 10 x 1.5-6g	
Feed Thru	Thread	12	400	47.9	15.8	Ø 14.5		32.9	10	2.8		10			M 12 x 1.75-6g	
		3.6	70	32.5	13.1	Ø 13.7	19.2	16	24.5	5	M3				M 3 x 0.5-6g	
		5.7	120	42.1	16.2	Ø 16.2	21.7	18	27	10					M 6 x 1.0-6g	
		8	200	48.4	19.6	Ø 18.2	23.7	21	30	10					M 8 x 1.25-6g	
		10	300	62	23.0	Ø 20.2	25.7	24	33	16	M4	4.2	N/A		M 10 x 1.5-6g	
	Lug	10.3	350	62	23.0	Ø 20.2	25.7	24	33	16					M 10 x 1.5-6g	
		12	400	65	25.5	Ø 22.2	27.7	26	36	16					M 12 x 1.75-6g	
		3.6	70	42.9	13.1	Ø 19.6	11.6	6	16	24.5	16.5	M3		4.2		
		5.7	120	51.1	16.2	Ø 21.6	13.6	8	18	27	18.5			6.3		
		8	200	62.4	19.6	Ø 23.6	15.6	10.5	21	30	22			8.5		
Pin	Pin	10	300	71.2	23.0	Ø 25.6	17.6	12.5	24	33	24	M4	N/A	10.5		N/A
		10.3	350	71.2	23.0	Ø 25.6	17.6	12.5	24	33	24			10.5		
		12	400	76	25.5	Ø 27.6	19.6	14.5	26	36	26			13		
		3.6	70	42.8	13.1	Ø 13.7	19.2		16	24.5		M3				
		5.7	120	51.2	16.2	Ø 16.2	21.7		18	27						
		8	200	64	19.6	Ø 18.2	23.7		21	30						
		10	300	78.5	23.0	Ø 20.2	25.7		24	33		N/A	4.2	N/A		N/A
		10.3	350	78.5	23.0	Ø 20.2	25.7		24	33						
		12	400	80.2	25.5	Ø 22.2	27.7		26	36						



How to Order

Product Type	Termination Type	RADSOK® **	(mm)	Lug Type	Cable Size (mm²) **	Current (A)	Length (mm)	Conn. Color	Stud Size	Pin End	Plating Type	Modification
RL	CABLE ASSEMBLY	1 RDLK + RDLK	036	3.6	10	70	L + LENGTH	* ORANGE	N/A	N/A	N/A	N/A
		2 RDLK + POW LUG	057	5.7	16/25	90/120			M/E + STUD SIZE			
		3 RDLK + POW LUG 45°	080	8.0	35/50	150/200			M/E + STUD SIZE			
		4 RDLK + LUG TRMNL	100	10.0	50/70/95	200/250/300			M/E + STUD SIZE			
		5 RDLK + RING TRMNL	103	10.3	95	350			M/E + STUD SIZE			
		6 RDLK + BLUNT CUT	120	12.0	120	400			N/A			
		7 RDLK + STRIPPED							STRIPPED LENGTH (mm)			
	CONNECTOR	0 RDLK CONNECTOR		1 TUBULAR			N/A	BK BLACK	N/A	N/A	N/A	N/A
				2 STAMPED								
	PIN	9 RDLK PIN					N/A			10 THREAD	1 Silver	* / F1
										20 LUG	2 Tin	* / F1
										30 PIN-PIN	3 Nickel	* / F1

NOTE:

1) For all applications, care must be taken to ensure that RADLOK™ connection is protected from the transmittal of any mechanical loads induced by, but not limited to, vibration, bending, the mass of the cable, or shock loading. The cable/wiring should be secured as close to the RADLOK™ as possible. Custom mounting options and recommendations are available upon request.

2) "Stud Size", M for Metric unit & E for Imperial unit. For example, M8 means Stud Size is 8mm; E3/4 means the Stud Size is ¾ inch.

Examples:

- 10.0mm Orange RADLOK™ connector to 3/8" stud hole Lug Terminal, 10ft long 70mm² cable assembly would have part number, **RL4-100-70L3048E3/8**
- 8.0mm Black RADLOK™ connector with Tubular 50mm² cable crimp would have part number, **RL0-080-1-50BK**
- Silver plated 12.0mm RADLOK™ Feed Thru Pin would have part number, **RL9-120-101F1**

* (Leave blank for default connector color or default pin without modification)

** (10mm² cable is recommended for 3.6mm RADSOK®; 16mm²/25mm² cable is recommended for 5.7mm RADSOK®, ...etc)

For further information on your individual application requirements, contact: Amphenol Corporation

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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