

# Amphenol® RF

## Technical Specifications

Electrical		AMC	AMC4	AMMC
Impedance			50 Ohm	
Frequency Range			DC - 6 GHz	
Voltage Rating			60 Volts RMS Max Continuous	
Dielectric Withstanding Voltage			200 VRMS Max	
VSWR (Return Loss)	DC - 3 GHz		1.3 (-18 dB) Max	
	3 - 6 GHz		1.4 (-16 dB) Max	
Center Contact Resistance			20 mΩ Min	
Outer Contact Resistance			10 mΩ Min	
Power Handling			14W @ 1 GHz @ 25°	

Environmental	
Temperature Range	-40°C to +90°C

Mechanical	
Mating Cycles	30 Min
Coupling Mechanism	Snap-On

Materials			
Body	Phosphor Bronze, Silver Plating	Copper Alloy, Gold Plating	Phosphor Bronze, Silver Plating
Contact	Phosphor Bronze, Gold Plating	Copper Alloy, Gold Plating	Brass, Gold Plated
Insulator	PBT	High Temperature Engineering Plastic	

*Note: Technical specifications are typical and may vary by specific part number. Please see component drawing.*

## Compatibility and Cable Options

	PCB Footprint	Mated Height	Compatibility	0.81	1.13	1.32	1.37	RG-178
AMC	3 mm x 3 mm	2.5 mm	Hirose U.FL, IPEX MHF	•	•	•	•	•
AMC4	2 mm x 2 mm	1.4 mm	IPEX MHF4		•			
AMMC	2 mm x 2 mm	1.4 mm	Hirose W.FL, IPEX MHF3	•	•			

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For more information visit [www.amphenolrf.com](http://www.amphenolrf.com)  
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