



Mini-Circuits



Test Cable

E40-1M-KMKM+

50Ω 1M DC to 40 GHz Low Loss 2.92mm-Male

FEATURES

- Low Insertion Loss
- Stainless steel 40 GHz Connector for long mating-cycle life
- Good Amplitude and Phase Stability vs Flexing over Frequency
- 40 GHz Connector mates with 2.92mm, K*, 3.5mm, SMA



Generic photo used for illustration purposes only

APPLICATIONS

- Military and Defense Applications
- Research & Development Labs
- Field RF Testing
- Environmental and Temperature Test Chambers

Model No.	E40-1M-KMKM+
Case Style	RF2512-3.28
Connectors	2.92mm-Male

+RoHS Compliant
 The +Suffix identifies RoHS Compliance.
 See our website for methodologies and qualifications

ELECTRICAL SPECIFICATIONS AT +25°C

Parameter	Frequency (GHz)	Min. Typ. Max.			Units
		Min.	Typ.	Max.	
Frequency Range		DC	—	40	GHz
Length ¹			1		M
Insertion Loss	DC - 6	—	1.7	2.0	dB
	6 - 18	—	3.2	3.6	
	18 - 26.5	—	4.0	4.5	
	26.5 - 40	—	5.4	5.8	
Return Loss	DC - 6	23	26	—	dB
	6 - 18	19	20	—	
	18 - 26.5	17	20	—	
	26.5 - 40	16	18	—	

*K Connector is a trademark of Anritsu
 1. Custom sizes available, consult factory

ABSOLUTE MAXIMUM RATINGS

Parameter	Ratings
Operating Temperature	-40°C to +70°C
Storage Temperature	-55°C to +85°C
Power Handling at 25°C, Sea Level	54W at 2 GHz
	17W at 18 GHz
	13W at 26.5 GHz
	11W at 40 GHz

Permanent damage may occur if any of these limits are exceeded.

Product Guarantee
 Mini-Circuits® will repair or replace your test cable at its option if the connector attachment fails within six months of shipment. This guarantee excludes cable or connector interface damage from misuse or abuse.





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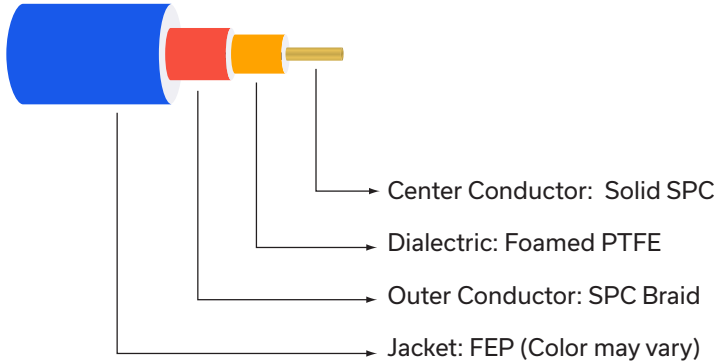


Test Cable

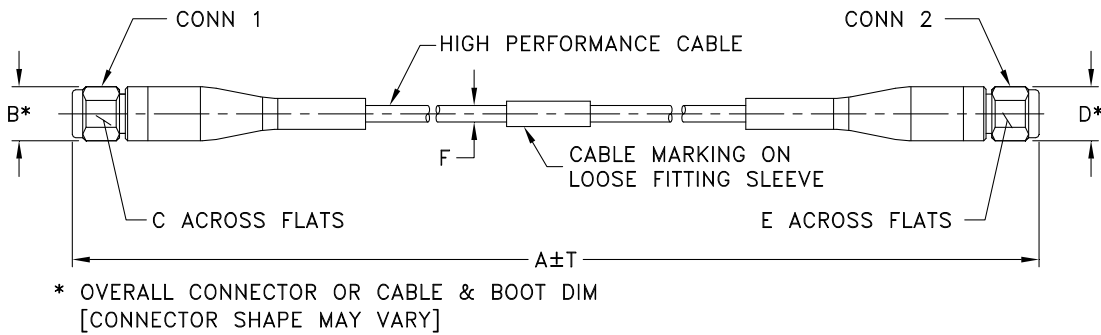
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CABLE CONSTRUCTION



OUTLINE DRAWING



OUTLINE DIMENSIONS (Inch/mm)

A		B	C	D	E	F	T	wt	
Feet	Meters						Inch	MM	grams
3.28	1.00	0.36	0.31	0.36	.312	.100	+ .79/-0	+20.0/-0	36

