

2.4mm Armored Flex RF Cable

TCA240A060 is 60cm high-frequency coaxial cable designed for precision signal transmission up to 50 GHz. With triple shield and spring-armored, it features low loss, excellent shielding, and stable phase performance. The spring-armored shield also makes such cable flexible and maintains excellent performance under bending. Cable length can be customized.



Features

- Low Loss
- Low VSWR
- Bend-resistant
- Vibration-resistant

Applications

- RF Component Testing
- RF System Integration
- Laboratory Testing
- Chamber Testing

Mechanical Properties

Parameter	Value
Length	60 cm
Dynamic Bending Radius	60 mm
Static Bending Radius	30 mm
Mechanical Phase Stability	$\pm 7^\circ$
Amplitude Stability	± 0.05 dB
Weight	0.095 kg/m

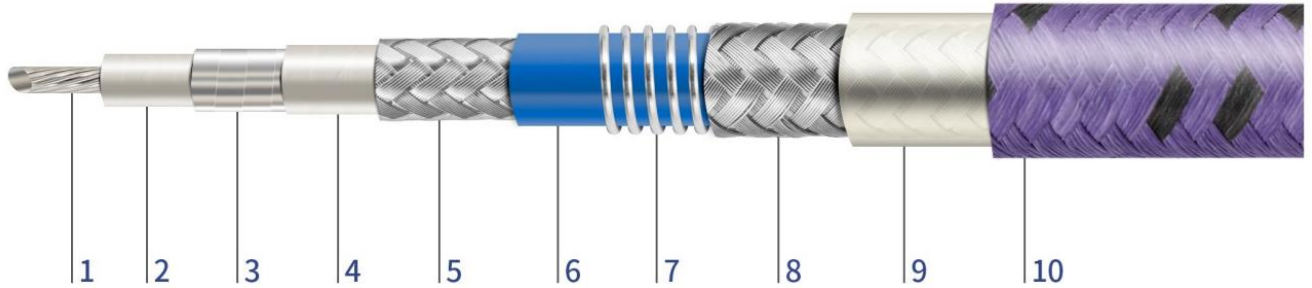
TCA240A060 TIMWAVE

Specification

Parameter	Frequency Range (GHz)	Min	TYP	Max	Units
Insertion Loss	DC – 2	0.1	0.3	0.5	dB
	2 – 6	0.4	0.5	0.8	
	6 – 10	0.6	0.7	1.2	
	10 – 18	0.7	1.2	1.5	
	18 – 26.5	1.1	1.6	2.1	
	26.5 – 50	1.9	2.1	2.6	
Return Loss	DC – 2		27		dB
	2 – 6		25		
	6 – 10		23		
	10 – 18		22		
	18 – 26.5		21		
	26.5 – 40		20		
Durability		100,000 times			
Temperature		55°C ~ +125°C			

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Cable Structure & Materials



Section	Component	Diameter (mm)	Material
1-6	Cable	3.6	FEP
7-8	Shielding Layer	5.1	Silver-plated Copper
9-10	Outer Jacket	6.1	PTFE

Information:

For sales and support, please contact: info@timave.com

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