

18GHz Hand Formable Cable

TCASMAR020 is 20cm high-frequency coaxial cable that can be operated up to 18 GHz. Featuring its streamlined single-shield design, TCASMAR020 is fully hand-formable — simply bend it into the shape as needed, no tools required. Factory-installed precision SMA connectors ensure secure, plug-and-play connections right out of the box. Cable length can be customized.



Features

- Low Loss
- Low VSWR
- Hand Formable

Applications

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

Mechanical Properties

Parameter	Value
Length	20 cm
Min. Static Bending Radius	6 mm
Weight	0.016 kg/m

Specification

Parameter	Frequency Range (GHZ)	Min	TYP	Max	Units
Insertion Loss	DC – 2	0.7	0.8	0.9	dB
	2 – 6	0.9	1.0	1.1	
	6 – 10	1.1	1.2	1.3	
	10 – 18	1.3	1.4	1.5	
Return Loss	DC – 2	21	24	26	dB
	2 – 6	20	22	24	
	6 – 10	17	19	22	
	10 – 18	15	16	18	
RoHS	Compliant				
Temperature	-65°C to +150°C				

Cable Structure & Materials



Structure Component	Diameter (mm)	Material
Inner Conductor	0.53±0.01	Silver-plated copper-clad conductor
Dielectric	1.68±0.05	PTFE
Outer Conductor	2.17±0.05	Tin Overcoated Copper Wire Braiding

Information:

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

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