

MINI141-7, SMA (male), SMA (male), 50 Ohm, 26.5 GHz, 7 in, 177.8 mm

MINI141-7

Properties

- Applicable up to 26.5 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Direct replacement for 141 size Semi-Rigid cables
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Solderless cable junction
- Low loss PTFE dielectric



Product configuration		
Type of cable		MINI141 (32022E)
Type description connector A		29094CR-32-22
Series connector A		SMA, straight - plug
Type description connector B		29094CR-32-22
Series connector B		SMA, straight - plug
Length		177.8 mm
Length		7 inch
Length type		REF to REF

Electrical data		
Impedance		50 Ω
Max. operating frequency		26.5 GHz
VSWR max		1.4
Propagation velocity		76 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	21.66 dB	1.18	0.19 dB
2 GHz ... 12.4 GHz	18.49 dB	1.27	0.44 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	0.6 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	0.77 dB

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Mechanical data	
Cable diameter	3.61 mm
Static bending radius	8.38 mm
Dynamic bending radius	25.15 mm
Environmental data	
Operation temperature	-55 °C ... 125 °C
Ordering information	
Item number	Item description
80336884	MINI141-7

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