

MINI141-9, SMA (male), SMA (male), 50 Ohm, 26.5 GHz, 9 in, 228.6 mm

MINI141-9

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		228.6 mm
Length		9 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	0.22 dB
2 GHz ... 12.4 GHz	18.49 dB	1.27	0.51 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	0.69 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	0.88 dB

MINI141-9, SMA (male), SMA (male), 50 Ohm, 26.5 GHz, 9 in, 228.6 mm
MINI141-9

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
80336905	MINI141-9

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/ EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P38091 / Date of publication: 04.12.2024 / uncontrolled copy