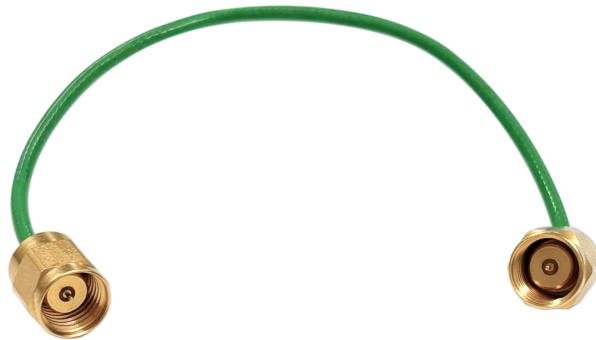


MICROBEND V-12, 1.85mm (male), 1.85mm (male), 50 Ohm, 65 GHz, 12 in, 304.8 mm

MICROBEND V-12

Properties

- Applicable up to 65 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Solderless cable junction
- Direct replacement for 047 size Semi-Rigid cables
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Tightest bend radius in the MINIBEND family



Product configuration

Type of cable	MICROBEND R (3204IE)
Type description connector A	29890CR-32-4I-1
Series connector A	PC 1.85, straight - plug
Type description connector B	29890CR-32-4I-1
Series connector B	PC 1.85, straight - plug
Length	304.8 mm
Length	12 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	65 GHz
VSWR max	1.65
Max. insertion loss	3.64 dB
Propagation velocity	70 %

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 12.4 GHz	18.49 dB	1.27	1.42 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	1.71 dB
18 GHz ... 40 GHz	13.32 dB	1.55	2.78 dB
40 GHz ... 65 GHz	12.2 dB	1.65	3.64 dB

Mechanical data

Cable diameter	1.91 mm
Static bending radius	1.52 mm
Dynamic bending radius	4.57 mm

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Environmental data	
Operation temperature	-55 °C ... 125 °C

Ordering information	
Item number	Item description
80362488	MICROBEND V-12

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