

MICROWAVE TEST ASSEMBLIES, SMA (male), SMA (male), 50 Ohm, 8 GHz, 1500mm

TL-8A-11SMA-11SMA-01500-51

Properties

- Applicable up to 8 GHz
- High flexibility in spite of armouring



Product configuration	
Type of cable	TL-8A
Type description connector A	11_SMA-50-4-74/199_N
Series connector A	SMA, straight - plug
Type description connector B	11_SMA-50-4-74/199_N
Series connector B	SMA, straight - plug
Armour	A-Armour blue SF 103/104/126/TL-8A, 85°C, ø10.2mm,PUR jacket
Length	1500 mm
Length type	REF to REF
Electrical data	
Impedance	50 Ω
Max. operating frequency	8 GHz
Min. return loss	21 dB
VSWR max	1.196
Max. insertion loss	2.15 dB
Signal delay	4.12 ns/m
Propagation velocity	81 %
CW Power at 40°	50 W at 8 GHz
Mechanical data	
Weight	0.3 kg
Cable diameter	10.3 mm
Static bending radius	55 mm
Environmental data	
Operation temperature	-40 °C ... 85 °C

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TL-8A-11SMA-11SMA-01500-51**Material compliance**

Item number	Directive / Regulation	Rating	Exemptions / Details
85014638	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Comment

Test assembly for indoor applications (Test and Measurement) consisting of a high flexible PE foamed cable with armouring protection and 2x SMA male straight connectors for frequency up to 8.0 GHz.

Ordering information

Item number	Item description
85014638	TL-8A-11SMA-11SMA-01500-51

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