

## RF Cable Assembly

TL-8A-11N-11SMA-03000-51

Item: 85014645

## Description

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



## Product Configuration

Cable	TL-8A		
Type Description Connector A	11_N-50-4-21		
Series Connector A	N	plug	straight
Type Description Connector B	11_SMA-50-4-74		
Series Connector B	SMA	plug	straight
Armour	Steel wire spring, steel braid, TPU jacket blue		
Length	3000 mm REF to REF		

## Technical Data

Electrical Data		
Impedance	50 Ω	
Operating Frequency (max.)	8 GHz	
Return Loss (min.)	-20 dB	VSWR : 1.222
Insertion Loss (max)	4.25 dB	
Signal delay	4.12 ns/m	
Velocity of propagation	81 %	
CW power (at 40°C)	50 W at 8 GHz	
Amplitude stability vs. Flexure	±0.2 dB	
Phase stability vs. Flexure	2.5 ° / GHz	
Mechanical Data		
Diameter cable	10.3 mm	
Bending radius static (min.)	55 mm	
Weight	0.53 kg	
Environmental Data		
Operating temperature	-40 °C to + 85 °C	
2011/65/EU (RoHS)	compliant	
2012/19/EU (WEEE)	relevant	
2006/1907/EC (REACH)	compliant	

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