

RF Cable Assembly

TL-8A-11N-11N-03000-51 Item: 85014502

Description

Test assembly for indoor applications (Test and Measurement) consisting of a high flexible PE foamed cable with armouring protection and 2x N 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_N-50-4-21		
Series Connector B	N	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		