Data Sheet

HUBER+SUHNER

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

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