



HUBER+SUHNER DATA SHEET CABLE ASSEMBLIES

Rev: B

All information is based on estimations to the best of our knowledge and therefore not binding. Information might change anytime without any notification.

Description

A 1m long flexible cable assembly consisting of Reverse-sex straight SMA connector (plug) to straight SMA connector (plug) using Enviroflex 142 cable.

Electrical Specifications - Cable Assembly

Impedance	50 Ohms
Operating Frequency	6.0 GHz
Return Loss	-22 dB (typical)
Insertion Loss	-1.75 dB (typical)
Operating Voltage	≤ 2.5 kV RMS (at sea level)

CABLE	Description	Diameter
Centre conductor	Copper+Silver plated Wire	0.95 mm
Dielectric	SPEX (Crosslink Foam PE)	2.95 mm
Outer Conductor 1	Copper Silver plated Braid - 97% coverage	3.58 mm
Outer Conductor 2	Copper Silver plated Braid - 95% coverage	4.16mm
Jacket	RADOX (LSFH) black with blue line	5.00 mm
Min bending radius (static)	30mm	
Min bending radius repeated (≤ 3000 bends)	50mm	

CONNECTOR SMA-R	Description
Centre Contact	Copper Beryllium Alloy Gold Plating (Nickel underplated)
Outer Contact	Brass SUCOPLATE Plating
Body	Brass SUCOPLATE Plating
Insulator	PFA / PTFE

CONNECTOR SMA	Description
Centre Contact	Copper Beryllium Alloy Gold Plating (Nickel underplated)
Outer Contact	Brass SUCOPLATE Plating
Body	Brass SUCOPLATE Plating
Insulator	PFA / PTFE

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

HUBER+SUHNER – Excellence in Connectivity Solutions



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