

# HUBER+SUHNER DATA SHEET

## CABLE ASSEMBLIES

Rev:A



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

<b>Impedance</b>	50 Ohms
<b>Operating Frequency</b>	6GHz
<b>Return Loss</b>	-22 dB(typical)
<b>Insertion Loss</b>	-1.75 dB(typical)
<b>Dielectric Withstanding Voltage</b>	1000 V RMS at sea level

CABLE	Description	Diameter
<b>Centre conductor</b>	Copper+Silver plated Wire	0.95 mm
<b>Dielectric</b>	Crosslink Foam PE	2.98 mm
<b>Outer Conductor 1</b>	Copper Silver plated Braid - 97% coverage	3.58 mm
<b>Outer Conductor 2</b>	Copper Silver plated Braid - 95% coverage	4.18mm
<b>Jacket</b>	RADOX (LSFH) black with blue line	5.00 mm
<b>Min bending radius (static)</b>	25mm	
<b>Min bending radius dynamic (max 50 bends)</b>	50mm	

CONNECTORS	Description
<b>Centre Contact</b>	Copper Beryllium Alloy Gold Plating (Nickel underplated)
<b>Outer Contact</b>	Brass SUCOPLATE Plating
<b>Body</b>	Brass SUCOPLATE Plating
<b>Insulator</b>	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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