

# 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 50mm long flexible cable assembly consisting of Right angled MMBX connector (plug) to Right angled MMBX connector (plug) using Enviroflex 316 cable.



### Electrical Specifications - Cable Assembly

<b>Impedance</b>	50 Ohms
<b>Operating Frequency</b>	3GHz
<b>Return Loss</b>	-20.5 dB (typical)
<b>Insertion Loss</b>	-0.15 dB (typical)
<b>Dielectric Withstanding Voltage</b>	500 V RMS at sea level

CABLE	Description	Diameter
<b>Centre conductor</b>	Copper+Silver plated Strand	(7x 0.18 mm) 0.54 mm
<b>Dielectric</b>	Crosslink Foam PE	1.54 mm
<b>Outer Conductor</b>	Copper Silver plated Braid - 99% coverage	2.05 mm
<b>Jacket</b>	RADOX (LSFH) RAL 5017 - blue	2.52 mm
<b>Min bending radius (static)</b>	5mm	
<b>Min bending radius dynamic (max 50 bends)</b>	30mm	

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