

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 TNC connector (plug) using Enviroflex 142 cable.



Electrical Specifications - Cable Assembly

Impedance	50 Ohms
Operating Frequency	6GHz
Return Loss	-19 dB(typical)
Insertion Loss	-1.75 dB(typical)
Dielectric Withstanding Voltage	1000 V RMS at sea level

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

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

CONNECTOR TNC	Description
Centre Contact	Brass 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.



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