

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 300mm long hand formable cable assembly consisting of Right angled SMPX connector (plug) to Right angled SMPX connector (plug) using 085" cable.



Electrical Specifications - Cable Assembly

Impedance	50 Ohms
Operating Frequency	40 GHz max
Return Loss	@ 36-40GHz is -6.60 dB (typical)
Insertion Loss	@ 36-40GHz is -4.38 dB (typical)
Dielectric Withstanding Voltage	1.5 Kv RMS at sea level

CABLE	Description	Diameter
Centre conductor	Steel, Copper+Silver plated	0.51 mm
Dielectric	PTFE	1.68 mm
Outer Conductor	Tin plated aluminium	2.2 mm
Min bending radius (static)	3.18 mm	

CONNECTORS	Description
Centre Contact	Copper Beryllium Alloy Gold Plating (Nickel under plated)
Outer Contact	Copper Beryllium Alloy Gold Plating (Nickel under plated)
Body	Copper Beryllium Alloy Gold Plating (Nickel under plated)
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(UK)
Telford Road
Bicester, Oxon OX26 4LA
 Phone +44 (0)1869 364100
 Fax +44 (0)1869 249046
www.hubersuhner.co.uk

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