

HUBER+SUHNER® RF CABLE ASSEMBLIES DATASHEET

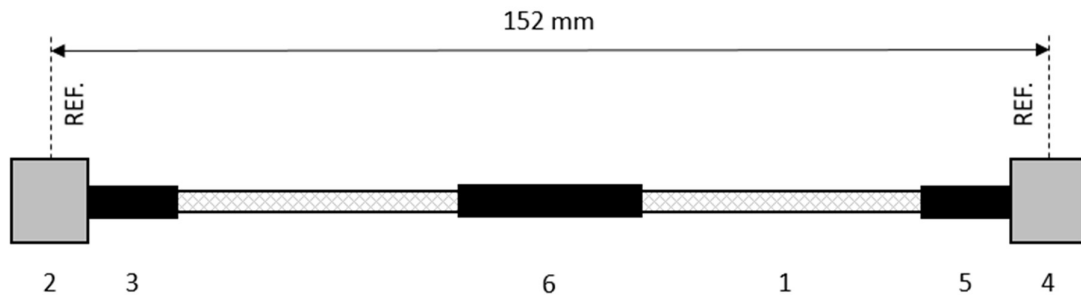
MF86/11MMPX/11MMPX/152mm

Cable Type: Multiflex_86_HE

Description

RF Assemblies consisting of flexible Multiflex_86_HE, low attenuation microwave coaxial cable terminated with MMPX and MMPX connectors for frequencies up to 67 GHz.

Mechanical Diagram



List of Components

Pos.	Component	Description	Marking
1	Cable	Multiflex_86_HE	n/a
2	Connector	MMPX straight male	n/a
3	Cable entry protection	Shrinking sleeve	n/a
4	Connector	MMPX straight male	n/a
5	Cable entry protection	Shrinking sleeve	n/a
6	Labeling	n/a	n/a

Mechanical Data

Property	Description	Value
Cable length	Length is measured from connector reference plane (REF.) to reference plane (REF.)	152 mm
Bending radius	Static Dynamic	min. 6 mm min. 20 mm
Coupling nut torque	MMPX straight male connector PC 1.85 straight male connector	n/a 0.8 to 1.1 Nm

Electrical Data

Property	Value	
Impedance	50 Ohm	
Return loss	DC – 67 GHz	Tbd
Insertion loss (max. at 25 °C)	DC – 67 GHz	Tbd

Environmental Data

Property	Description	Value
Temperature range	Operating	-55 °C to +155 °C
RoHS	(2011/65/EU)	Compliant

Requirement of included components

Connectors

Property	Description	Standard / Material / Plating
Interface standard	MMPX	HUBER+SUHNER proprietary
Material	MMPX straight male	Centre contact: CuBe alloy Outer contact: Brass Insulator: PTFE Cable entry/body: Brass
Plating	MMPX straight male	Centre contact: Gold plating Outer contact: Gold plating Cable entry/body: Gold plating

Cable

Property	Description	Material / Value
Material	Jacket	FEP
Diameter	Jacket	2.65

Packaging

1 Assembly in a plastic bag
Protection on connector interfaces

Ordering Information

Item number	84072076
Customer specific description	n/a

WAIVER! It is exclusively in written agreements that we provide our customer with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.		RF Division www.hubersuhner.com
HUBER+SUHNER is certified according to ISO 9001 and ISO 14001		
Issued: 02/06/2023	Revision: A	
<u>uncontrolled copy</u>		