

HUBER+SUHNER® DATA SHEET

MXP18: MULTICOAX CABLE ASSEMBLY

Rev.: A 

Description

Available configuration
MULTIFLEX 53 cable assembly MXP breakout to SMA female

Standard length
152mm (6 inch)

Channel array
1x8 ganged

Interface standards
MXP: HUBER+SUHNER STD (patent US 8,360,807)
SMA: HUBER+SUHNER STD



Notification

Exclusively delivered with thin, high flexible and ultra-stable HUBER+SUHNER MULTIFLEX 53-02 microwave cable.

Electrical data

Impedance	50Ω
Data rates	Up to 18Gbps
Interface frequency max.	18GHz
Return loss (typical)	≥ 20dB up to 18GHz
Insertion loss (typical)	≤ 1.2dB up to 18GHz
Cross talk (typical)	≤ - 40dB at PCB transition
Phase match (standard)	+/- 2ps (absolute)

Mechanical data

Number of matings MXP: 500 / SMA: 500

Environmental data

Operating Temperature - 55°C to + 85°C
2011/65/EU (RoHS) Compliant

Material data connectors

Piece Parts MXP

Centre contact	Copper beryllium alloy
Outer contact	Brass
Body	Aluminium
Insulator	PTFE

Piece Parts SMA

Centre contact	Copper beryllium alloy
Outer contact	Brass
Body	Brass
Insulator	PTFE

Coating

SUCOPRO gold plating
SUCOPRO gold plating
Green anodised
N/A

Coating

SUCOPRO gold plating
SUCOPRO gold plating
SUCOPRO gold plating
N/A

Related data/documents

Outline drawing DOU-00252251

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 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.



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