



	Male		Female	
	min.	max.	min.	max.
A	Ø 1.25 nom.		-	-
B	-	-	1)	
C	Ø 4.70	-	-	Ø 4.60
D	0.00	1.00	4.00	5.00
E	-	-	-	2.60
F	9.00	-	4.90	-
G	6.40	-	7.60	-
H	-	-	Ø 6.80 nom.	
I	M 8 x 0.75		M 8 x 0.75	
K	-	-	hex 8	

Dimensions in mm

1) Resilient, dimension to meet electrical and mechanical requirements

Interface

According to

Rosenberger FME
Intermateable with SAP

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Technical Data

Rosenberger

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FME

26-000-000_TD

Electrical data

Impedance	50 Ω
Frequency range	DC to 3 GHz
Return loss (cable connector straight)	≥ 20 dB (typ.)
Insertion loss	≤ 0.1 x √f [GHz] dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 10 mΩ
Outer contact resistance	≤ 5 mΩ
Test voltage	1000 V rms
Working voltage	500 V rms

Mechanical data

Mating cycles	≥ 300
Coupling torque recommended	≤ 2 Nm

Environmental data

Temperature range	-55 °C to +125 °C
Corrosion resistance	MIL-STD-202, Method 101
Vibration	MIL-STD-202, Method 204
Max. soldering temperature (PCB connectors)	IEC 61760-1, +260 °C for 10 sec.

Materials

Connector parts

	Material	Plating
Spring loaded contact parts	CuSn	Ag
Center contact	CuZn	Ag
Outer contact	CuZn	Ni
Crimping ferrule	Cu	Ni
Dielectric	PTFE	
Gasket	Rubber	

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