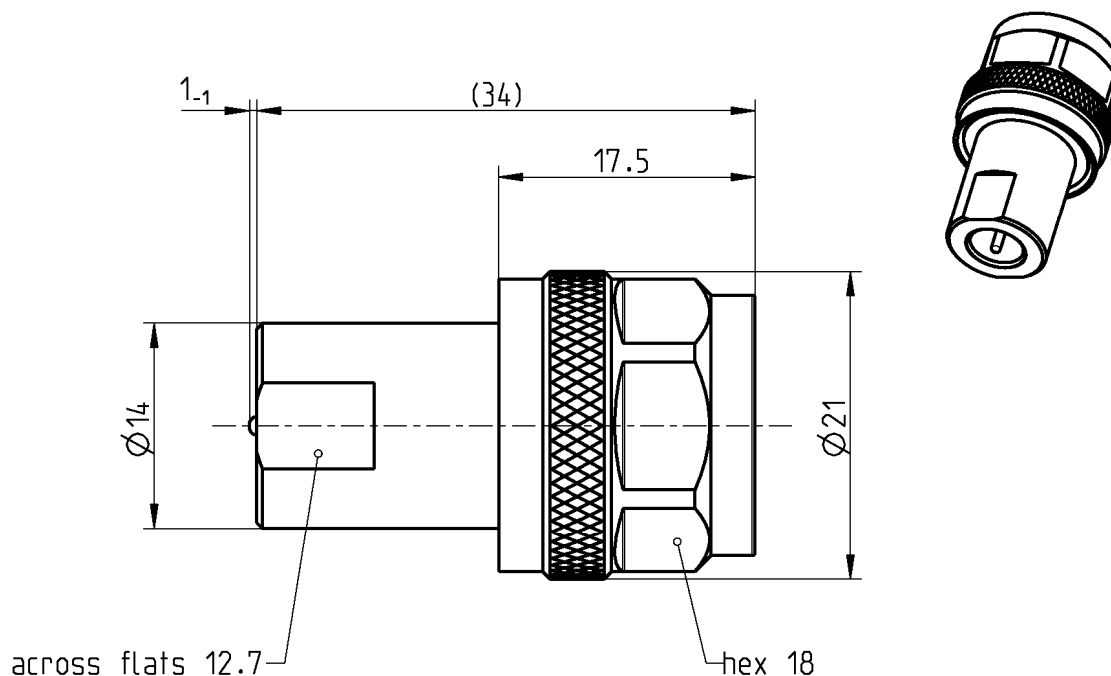


adaptor
FME plug – N plug

26S153-S00A1

All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to FME side: N/A
N side: IEC 60169-16, MIL-PRF-39012, CECC 22210

Documents

N/A

Material and plating**Connector parts**

Center contact
Outer contact FME side
Outer contact N side
Dielectric
Gasket N side
Coupling nut N side

Material

Brass
Brass
Brass
PTFE
NeopreneCR 50C6
Brass

Plating

Silver, 3-6 μm
Nickel, 2.5-5 μm
Flash white bronze over silver(e.g. Optargen®)
White bronze(e.g. Optalloy®)

adaptor
FME plug – N plug**26S153-S00A1****Electrical data**

Impedance	50 Ω	
Frequency	DC to 3 GHz	
Return loss	≥ 25 dB, DC to 1 GHz	
	≥ 15 dB, 1 to 2 GHz	
Insertion loss	≤ 0.1 dB max., DC to 1 GHz	
Insulation resistance	$\geq 5 \times 10^3$ M Ω	
Center contact resistance	≤ 10 m Ω , FME side;	≤ 1 m Ω , N side
Outer contact resistance	≤ 5 m Ω , FME side;	≤ 0.25 m Ω , N side
Test voltage	1000 V rms	
Working voltage	500 V rms	

Mechanical data

	FME side	N side
Mating cycles	min. 300	min. 500
Coupling nut retention	N/A	≥ 450 N
Center contact captivation: axial	≥ 28 N	≥ 28 N
Coupling test torque	max. 2 Nm	max. 1.7 Nm
Recommended torque	N/A	0.7 Nm to 1.1 Nm

Environmental data

Temperature range	-55°C to +125°C
Environmental tests	MIL-STD-202
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight	35.5 g/pce
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While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Inge Mühlauer	26/07/05	Sa. Krautenbacher	13.03.14	c00	14-0352	T. Krojer	13.03.14

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