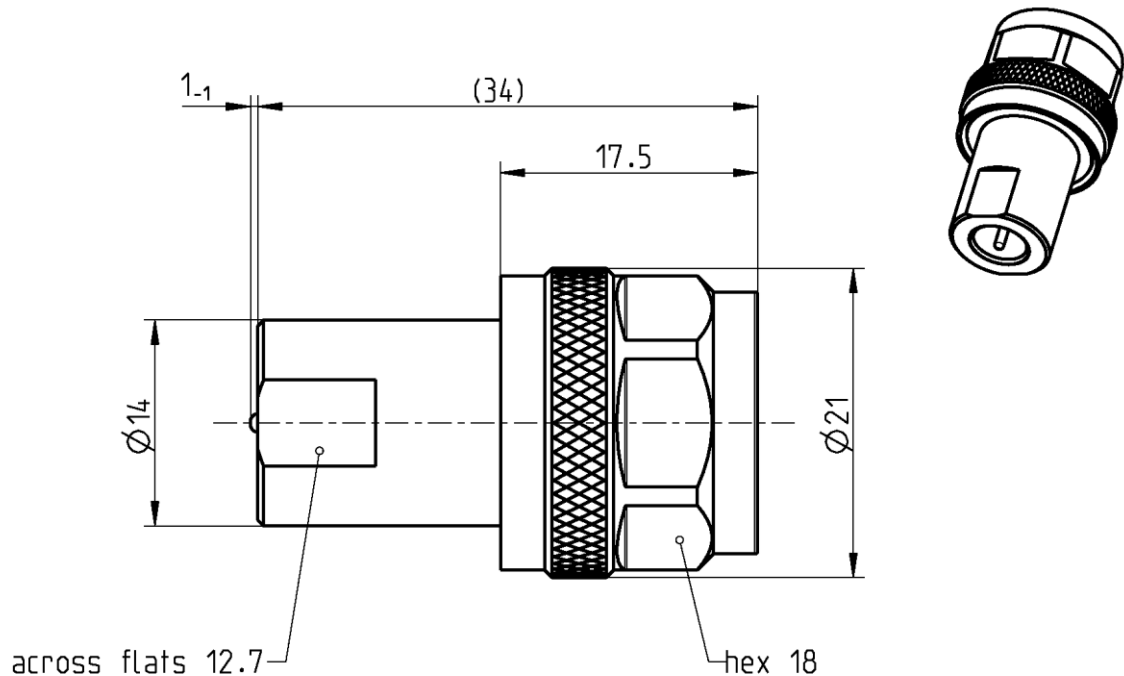




All dimensions are in mm; tolerances according to ISO 2768 m-H

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®)

Technical Data Sheet		Rosenberger					
FME	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	≥ 5 x10 ³ MΩ						
Center contact resistance	≤ 10 mΩ, FME side;	≤ 1 mΩ, N side					
Outer contact resistance	≤ 5 mΩ, FME side;	≤ 0.25 mΩ, N side					
Test voltage	1000 V rms						
Working voltage	500 V rms						
Mechanical data							
Mating cycles	FME side min. 300	N side 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						
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. For the installation of the electrotechnical equipment, particular electrotechnical expertise is required. 							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Inge Mühlauer	26.07.05	Chr. Janßen	29.10.20	d00	20-1927	S. Huber-Siegl	29.10.20
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de		Page 2 / 2	

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