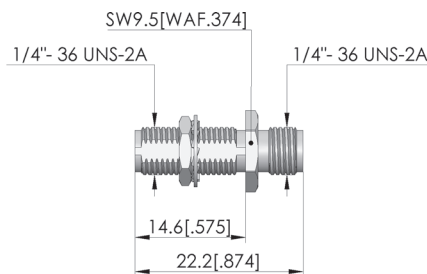
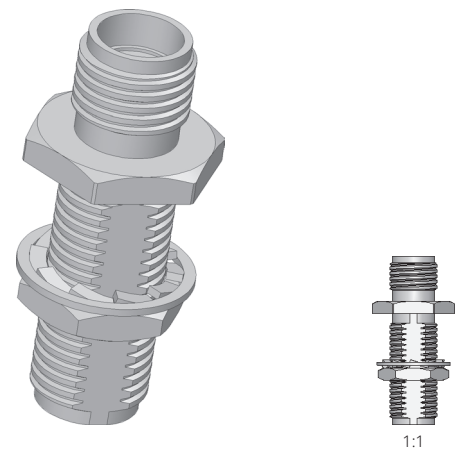




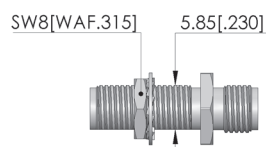
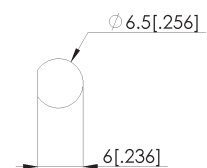
- EMC-compliant radio-frequency transfers for connecting highly sensitive PCBs to the measuring system, from and into the shielding area
- Interference-free transmission of radio-frequency signals
- 500 mating cycles

Application

Coaxial radio-frequency transmission is used to transmit radio-frequency signals from and to the radio-frequency chamber. The transmission is almost loss-free.



drilling specifications



General data

Product group:
Series:
Type:
Version:
Accessory type:
Weight:
Min. temperature:
Max. temperature:
RoHS-compliant:

RF accessories
HF-U
RF transfer
SMA plug connector
Customising accessories
0.01 kg [.022 lbs]
-65 °C [-85 °F]
125 °C [257 °F]
Yes

Compatible with

Exchangeable kits version:
MA exchangeable kits (ATS MA):

HF
ATS MAxx/HF/AL/ESD

Technical data

Connection:
Number of poles:
Frequency up to:
Length:
Diameter:

1/4-36 UNS-2A
1
18 GHz
22.2 mm [.874 in]
9.5 mm [.374 in]

Electrical data

Impedance: 50 Ohm

RF transfer

HF-U-SMA-18GHz-50OHM-F-F

Item 41661



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Partner for Future Technology



VSWR – Voltage Standing Wave Ratio		
Frequency range	Return loss	VSWR
0 GHz ... 6 GHz	30 dB	1.065
6 GHz ... 10 GHz	25 dB	1.119
10 GHz ... 18 GHz	22 dB	1.173

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