

3.5 series

RF Coaxial Connector

FEATURES

- Can be interchanged with SMA, 2.92mm series products, using air-dielectric
- Small size, light weight, and operating frequency up to 33GHz
- Excellent electrical performance and high connection reliability
- Suitable for testing and measurement fields, and aerospace equipment, etc

TECHNICAL PARAMETER

Temperature: - 65~+155°C

Impedance: 50Ω

Frequency: DC~33GHz

VSWR: $\leq 1.05 + 0.005F$

Insulation resistance: $\geq 5000M\Omega$

Dielectric strength: 750V(rms)

Operating Voltage: 335V (rms)

Contact resistance: Center contact: $\leq 3m\Omega$

Outer contact: $\leq 2m\Omega$

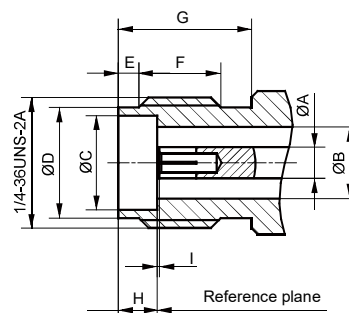
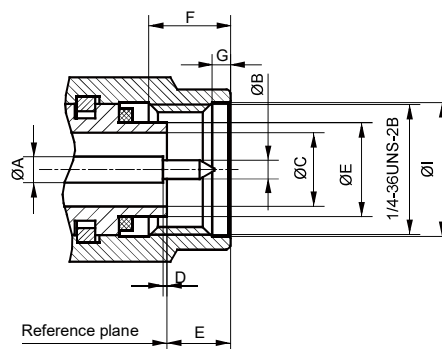
Mechanical endurance: 500 OPS

IMPLEMENTATION CRITERIA

IEC 60169-23 GB/T 11313. 1-2013



INTERFACE DIMENSIONS

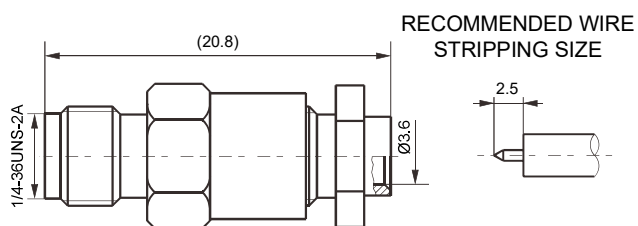


Male connector

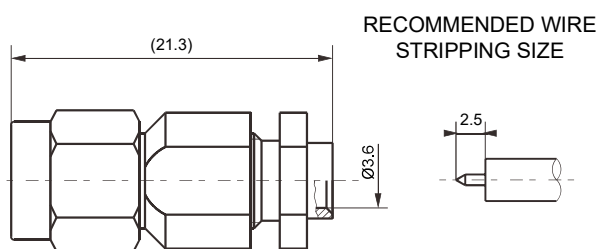
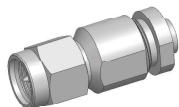
	Min(mm)	Max(mm)
A	1.514	1.524
B	0.919	0.935
C	3.493	3.508
D	/	0.076
E	2.36	2.56
F	3.43	4.01
G	0.38	1.14
H	4.547	4.577
I	6.38	6.73

Female connector

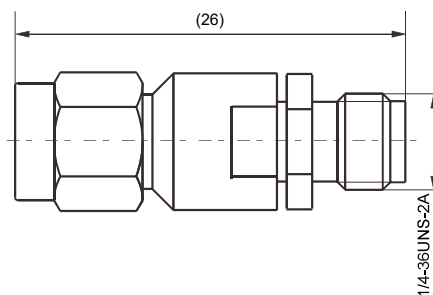
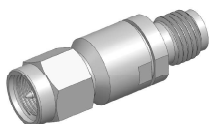
	Min(mm)	Max(mm)
A	1.514	1.524
B	3.493	3.508
C	4.597	4.628
D	5.28	5.46
E	0.38	1.14
F	3.35	4.42
G	5.54	/
H	1.88	1.98
I	0	0.076



Type	Cable
3.5-KB3	SFT-50-3-1

3.5-KB3

Type	Cable
3.5-JB3	SFT-50-3-1

3.5-JB3**3.5-JK**