

4.3-10 series

RF Coaxial Connector

FEATURES

- A Threaded RF coaxial connectors, mechanical and electrical interfaces are independent
- Lightweight, reliable connection, low PIM, and superior electrical performance
- Applied to communication antenna and feeder systems

TECHNICAL PARAMETER

Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Impedance: 50Ω

Frequency: DC \sim 6GHz

VSWR: <1.15

Insulation resistance: $\geq 5000\text{M}\Omega$

Dielectric strength: 2500V(rms)

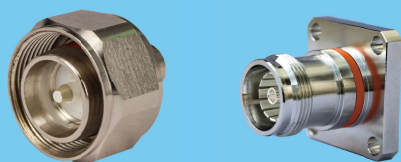
Contact resistance: Center contact: $\leq 1.5\text{m}\Omega$

Outer contact: $\leq 1.5\text{m}\Omega$

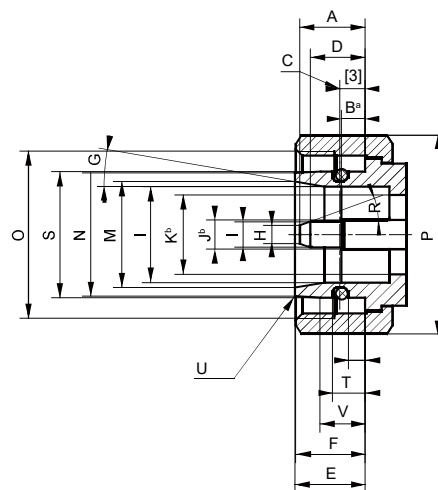
Mechanical endurance: 100 ops

IMPLEMENTATION CRITERIA

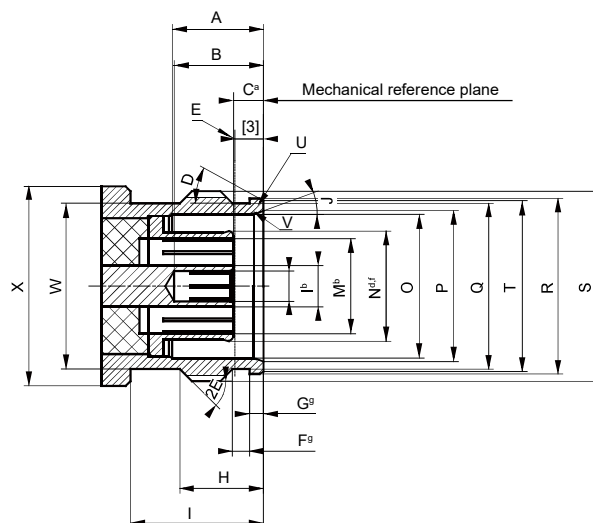
IEC61169-54



INTERFACE DIMENSIONS



Male connector



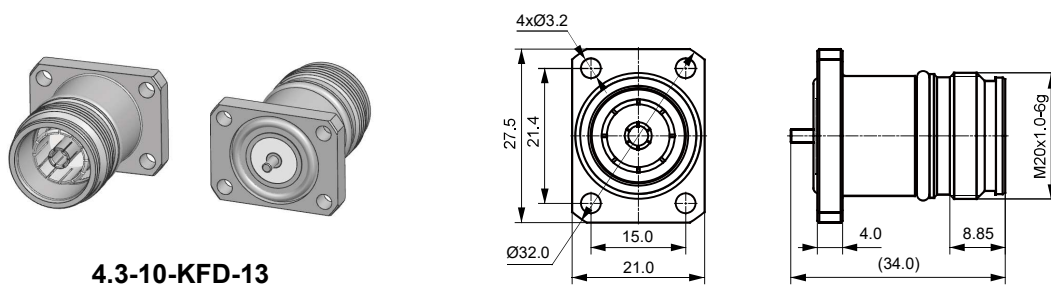
Female connector

Male connector

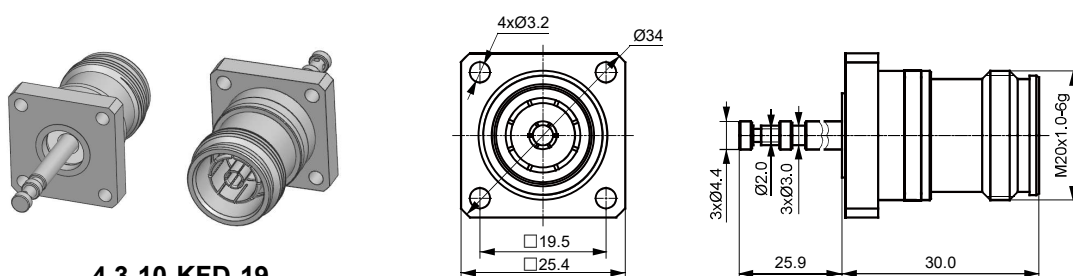
	Min(mm)	Max(mm)	Notes
A	-	8	
B	-	2.9	a
C	5	-	
D	4.4	-	
E	8.3	8.5	
F	8	8.5	
G	10°	14°	
H	-	2.3	Diameter
I	3.07	3.13	Diameter
J	4.35 nom.		Diameter b
K	10.0 nom.		Diameter b
L	11.47	11.53	Diameter
M	12.5	-	Diameter
N	14.7	14.8	Diameter
O	M20x1-6H		Thread
P	22.0 nom.		Wrench Size
Q	1.8	-	

Female connector

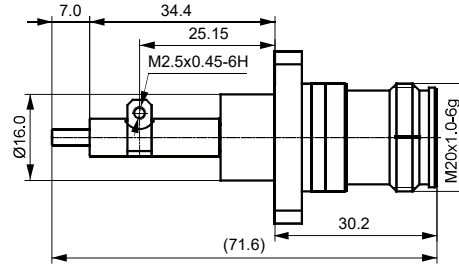
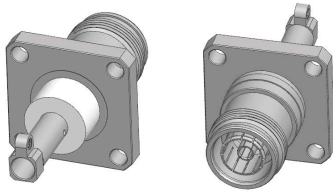
	Min(mm)	Max(mm)	Notes
A	8.5	-	
B	5	-	
C	3.1	3.5	a
D	30°nom.		
E	45°nom.		g
F	1.7	1.9	g
G	1.44	1.5	g
H	8.7	9	
I	13.9	14.1	
J	20°nom.		
K			c
L	4.35 nom.		Diameter b
M	9.8	10.2	Diameter b
N	-	12.3	d, f
O	15.13	15.19	Diameter
P	15.7	15.9	Diameter
Q	17.4	17.5	Diameter g
R	18.44	18.5	Diameter g
S	M20x1-6g 4.1	Thread	
T	17.9	18.1	Diameter
U	0.6 nom.	半径	
V	1.0 nom.	半径	
W	17.45	17.55	Diameter
X	18.6	-	Diameter



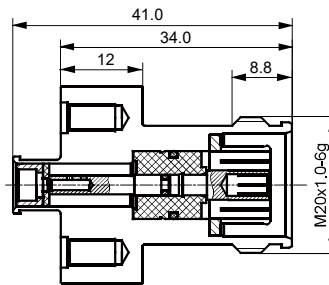
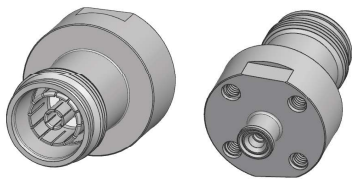
4.3-10-KFD-13



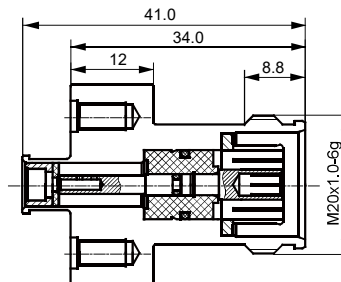
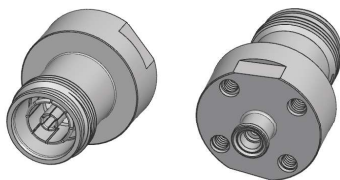
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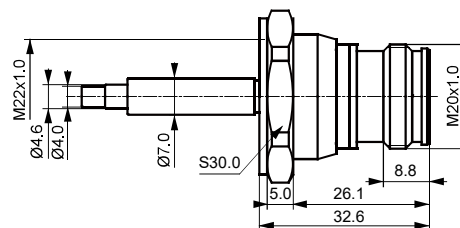
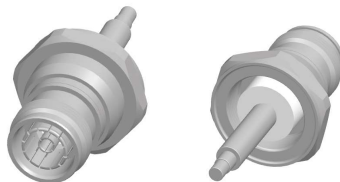
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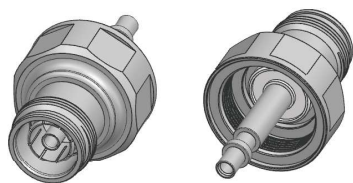
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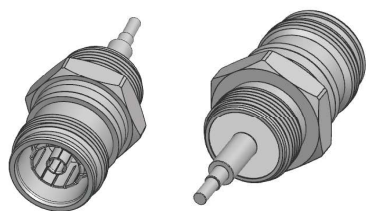
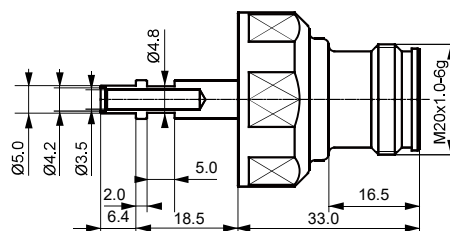
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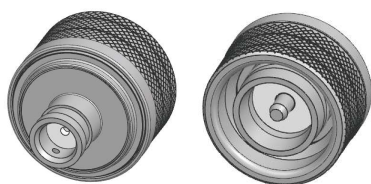
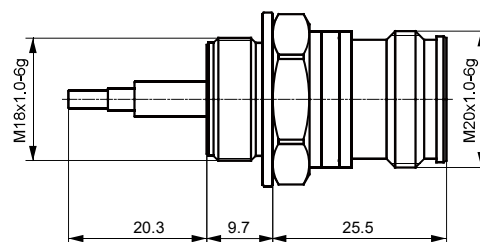
4.3-10-KYD



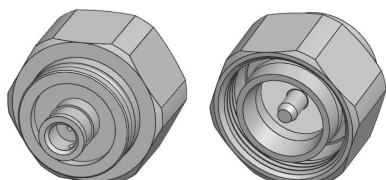
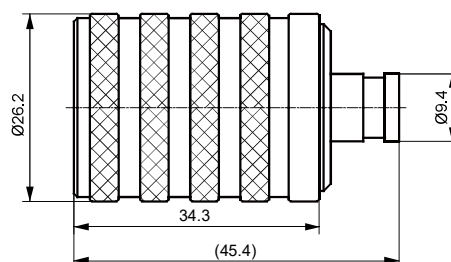
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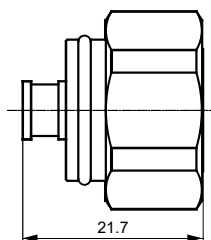
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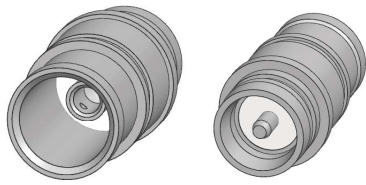


4.3-10-JB5

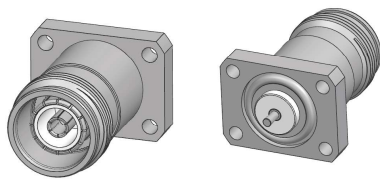
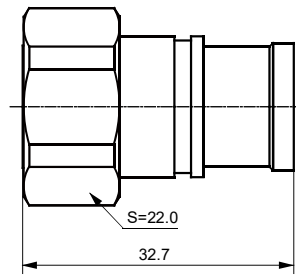


4.3-10-JB3-1

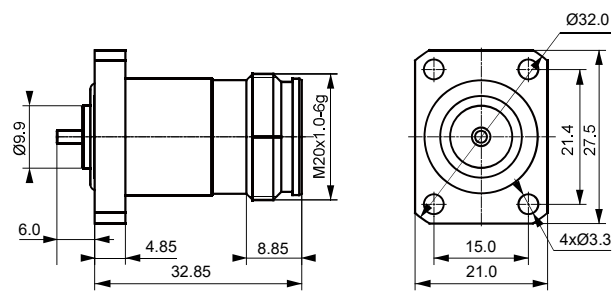




4.3-10-J533



4.3-10-KFD-11



MEMO