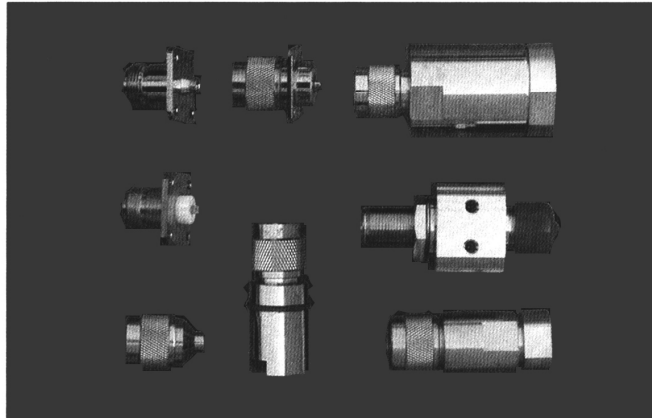


SERIES N RF COAXIAL CONNECTORS



Series N connectors are screw-type coupling and provide sturdy reliable connection. The N connectors are available for flexible, semi-rigid and corrugated cables as well as bulkhead and panel versions.

Key performance

Characteristic Impedance : 50Ω

Frequency range : 0~11GHz

Contact resistance :

Center conductor $\leq 1.5m \Omega$

Out conductor $\leq 0.2m \Omega$

Insulation resistance : $\geq 5000M \Omega$

Insulator voltage withstanding : 1500V

VSWR : ≤ 1.30

Connector durability : 500 cycles

Applicable spec/std : MIL-C-39012

Material

Center contacts:

Male---brass, gold plated.

Female---phosphor bronze, gold plated

Bodies and other metal parts:

brass, nickel plated

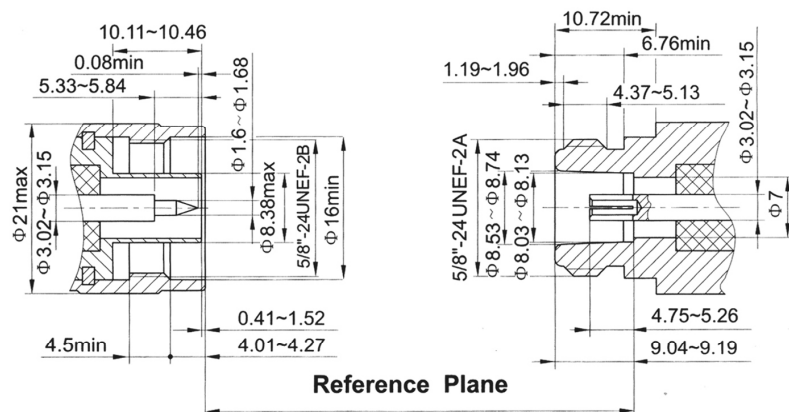
Insulators: Teflon

Crimp ferrule: copper, nickel plated.

Gasket and seal rings: silicone rubber

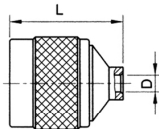
Heat-shrink tubing: thermofit plastic

Interface Dimensions

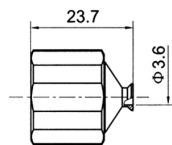


N SERIES

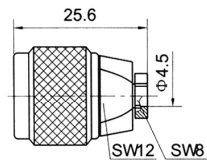
CERNEX, Inc.



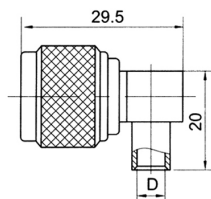
Type	part number	suitable cable	L	D	Note
N-JB3	0611-6601	B3	24	Φ 3.6	coupling nut, nickel plated, body, silver plated
N-JB3B	0611-6603	B3	24	Φ 3.6	all of SUCO plated
N-JB3G	0614-6601	B3	24	Φ 3.6	coupling nut, nickel plated, body, silver plated
N-JB5A	0611-6607	B5A	26.4	Φ 6.4	coupling nut, nickel plated, body nickel plated solder part, gold plated



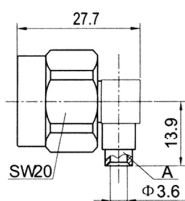
Type	part number	suitable cable	Note
N-JB3A	0611-6602	B3	body, silver plated



Type	part number	suitable cable	Note
N-JB3D	0611-6608	B3	



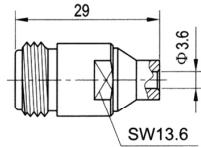
Type	part number	suitable cable	D	Note
N-JWB3	0631-6601	B3	Φ 3.6	
N-JWB5A	0631-6602	B5A	Φ 6.4	



Type	part number	Note
N-JWB3A	0631-0064	A gold plated, others, SUCO plated

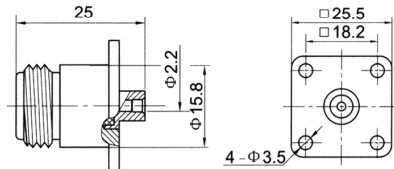
N SERIES

CERNEX, Inc.



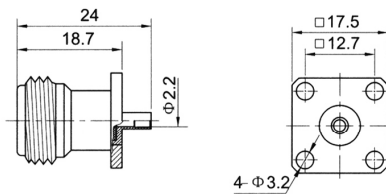
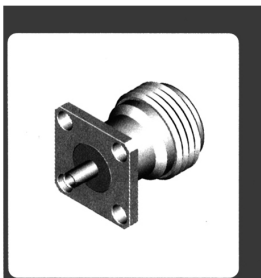
Type part number suitable cable Note

N-KB3 0621-6601 B3



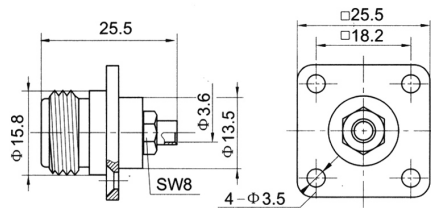
Type part number suitable cable Note

N-KFB2A 0621-1602 B2 only soldering part, gold plated.



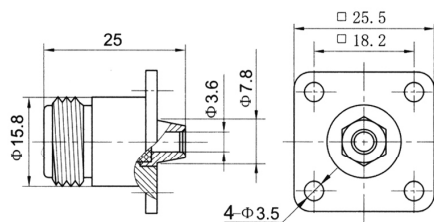
Type part number suitable cable Note

N-KFB2B 0621-1603 B2 only soldering part, gold plated.



Type part number suitable cable Note

N-KFB3A 0621-1606 B3 only soldering part, gold plated.

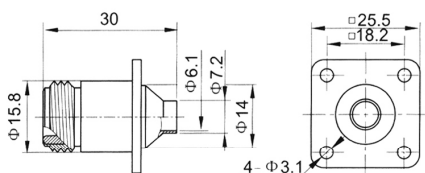
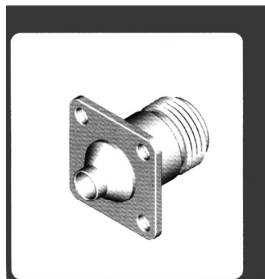


Type part number suitable cable Note

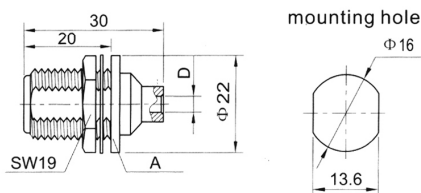
N-KFB3B 0621-1607 B3 only soldering part, gold plated.

N SERIES

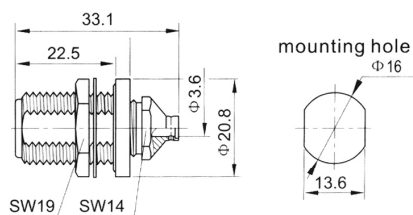
CERNEX, Inc.



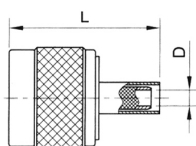
Type	part number	suitable cable	Note
N-KFB5-1	0621-1609	B5	thead front was rivet, gold plated. body, gold plated



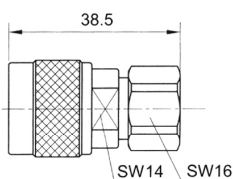
Type	part number	suitable cable	D	Note
N-KYB3	0621-2601	B3	Φ3.6	
N-KYB5	0621-2606	B5	Φ6.1	
N-KYB3C	0621-2604	B3	Φ3.6	seal rings on A



Type	part number	suitable cable	Note
N-KYB3B	0621-2603	B3	



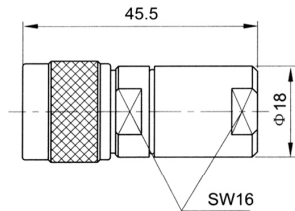
Type	part number	suitable cable	L	D	Note
N-J4Y	0611-6502	4	29.7	Φ2.3	
N-J5Y	0611-6505	5	29.2	Φ3.1	
N-J5YA	0611-6529	5A	29.2	Φ3.1	
N-J6YA	0611-6510	6	34.3	Φ4.8	



Type	part number	suitable cable	Note
N-J5A	0611-6503	5	
N-J7A	0611-6511	7	
N-J8A	0611-6513	8	
N-J103	0611-6526	103	

N SERIES

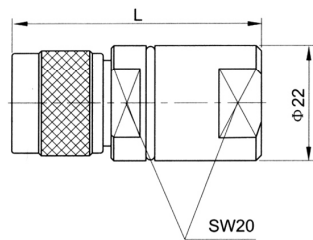
CERNEX, Inc.



Type	part number	suitable cable	Note
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N-J631	0611-6535	7DFB	
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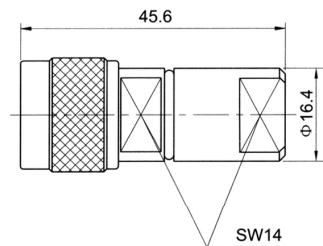
N-J635	0611-6541	8DFB	
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Type	part number	suitable cable	L	Note
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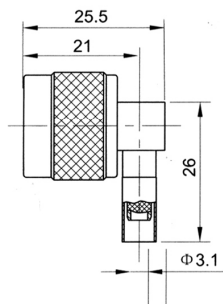
N-J632	0611-6536	10DFB	45.6	
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N-J636	0611-6542	12DFB	44.5	
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Type	part number	suitable cable	L	Note
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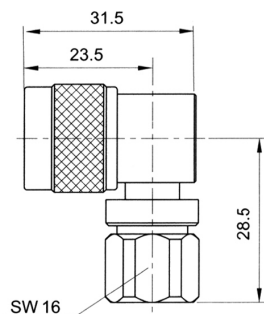
N-J634	0611-6540	5DFB	45.6	
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Type	part number	suitable cable	Note
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N-JW5Y	0631-6502	5	
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N-JW5YA	0631-6503	5A	
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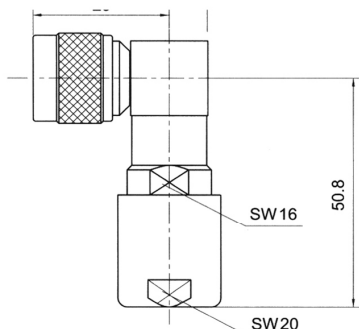


Type	part number	suitable cable	Note
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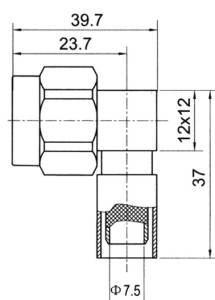
N-JW7A	0631-6505	7	
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N SERIES

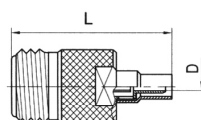
CERNEX, Inc.



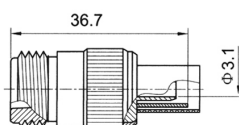
Type	part number	suitable cable	Note
N-JW9A	0631-6507	9	



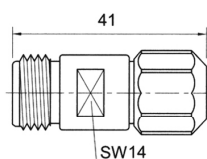
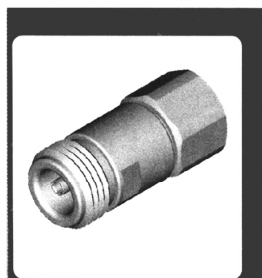
Type	part number	suitable cable	Note
N-JW8Y	0631-6506		SUCO plated
N-JW213	0631-6510		compages body silver plated coupling nut, nickel plated



Type	part number	suitable cable	L	D	Note
N-K3Y	0621-6502	3	34.5	Φ1.6	
N-K5Y	0621-6503	5	34	Φ3.1	
N-K6Y	0621-6508	6	42	Φ4.8	



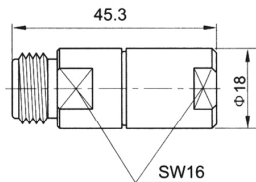
Type	part number	suitable cable	Note
N-K5YA	0621-6504	5	



Type	part number	suitable cable	Note
N-K6YA	0624-6509	6	
N-K7A	0624-6510	7	

N SERIES

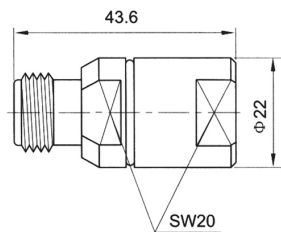
CERNEX, Inc.



Type	part number	suitable cable	Note
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N-K631	0621-6516	7D-FB	
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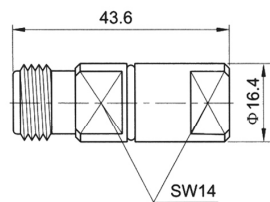
N-K635	0621-6520	8D-FB	
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Type	part number	suitable cable	Note
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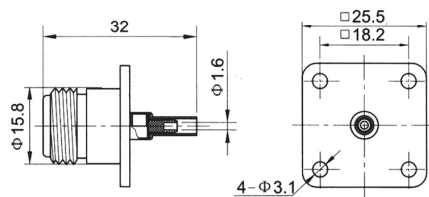
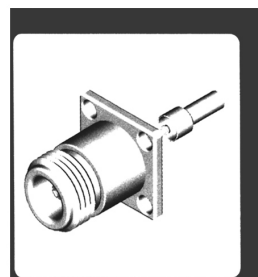
N-K632	0621-6518	10D-FB	
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N-K636	0621-6521	12D-FB	
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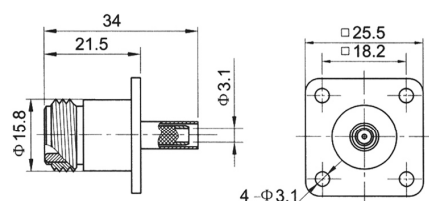
Type	part number	suitable cable	Note
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N-K634	0621-6519	5D-FB	
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Type	part number	suitable cable	Note
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N-KF3Y	0621-1501	3	
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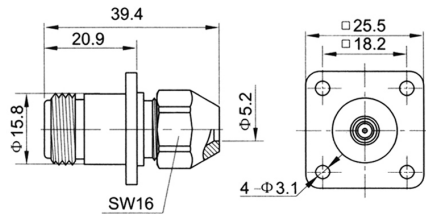


Type	part number	suitable cable	Note
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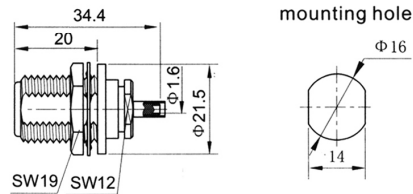
N-KF5Y	0621-1504	5	
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N SERIES

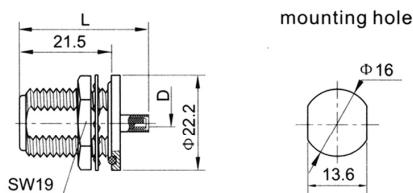
CERNEX, Inc.



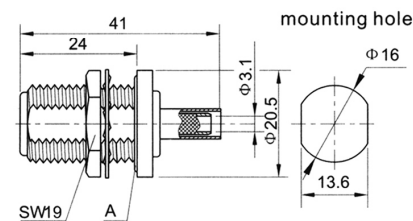
Type	part number	suitable cable	Note
N-KF5A	0621-1906	5	



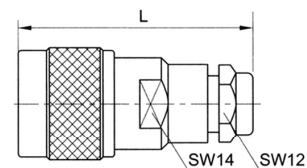
Type	part number	suitable cable	Note
N-KY3Y	0621-6507	3	



Type	part number	suitable cable	L	D	Note
N-KY3YA	0621-2503	3A	31	Φ1.6	
N-KY3YA-1	0621-2504	3A	30	Φ1.6	Crimp ferrule, gold plated



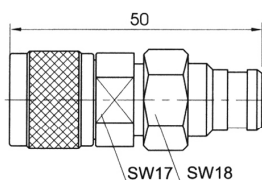
Type	part number	suitable cable	Note
N-KY5Y	0621-2507	5	seal rings on A
N-KY5YA	0621-2508	5A	no seal rings on A
N-KY5YB	0621-2509	5	no seal rings on A



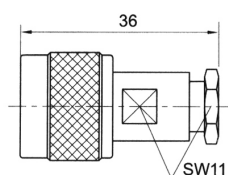
Type	part number	suitable cable	L	Note
N-J501	0611-6701	501	38.1	center conductor solder
N-J503	0611-6705	503	44.9	center conductor without solder

N SERIES

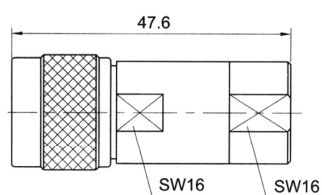
CERNEX, Inc.



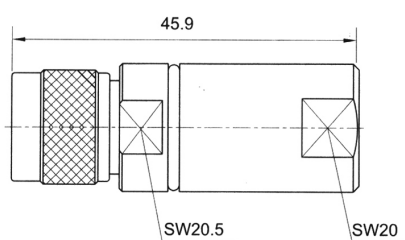
Type	part number	suitable cable	Note
N-J511	0611-6706	511	center conductor solder



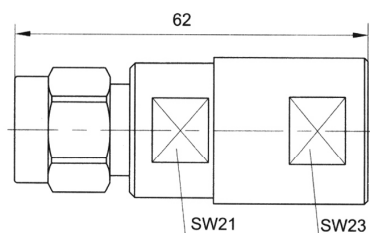
Type	part number	suitable cable	Note
N-J513	0611-6707	513	center conductor, without solder



Type	part number	suitable cable	Note
N-J514	0611-6708	514	center conductor, without solder
N-J522	0611-6709	522	center conductor, without solder
N-J524	0611-6710	524	center conductor, without solder
N-J554	0611-6720	554	center conductor, without solder



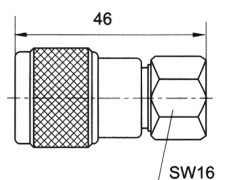
Type	part number	suitable cable	Note
N-J534B	0611-6714	534	center conductor, without solder



Type	part number	suitable cable	Note
N-J534E	0611-6717	534	center conductor, without solder

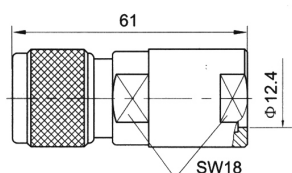
N SERIES

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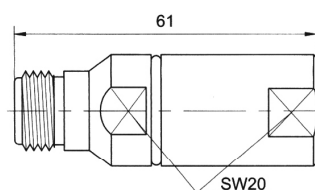
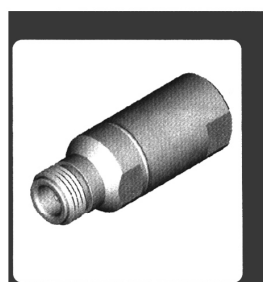
Type part number suitable cable Note

N-J608G 0614-6502 608 center conductor solder



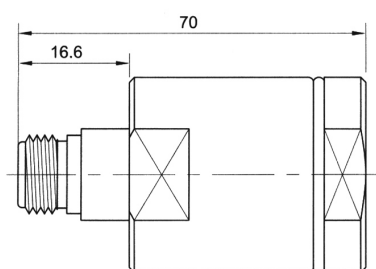
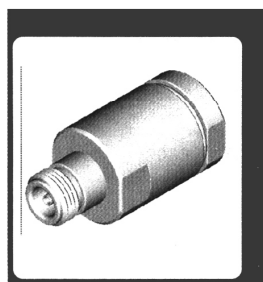
Type part number suitable cable Note

N-J609G 0614-6503 609 center conductor, without solder



Type part number suitable cable Note

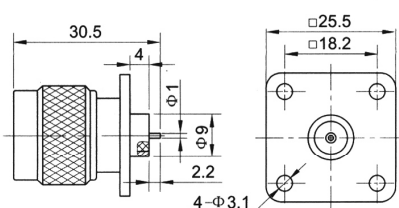
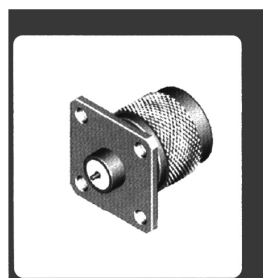
N-K534 0621-6702 534 center conductor, without solder



Type part number suitable cable Note

N-K554 0621-6705 7/8" corrugated(ring) copper foam cable center conductor, without solder

N-K554A 0621-6706 7/8" corrugated(ring) copper foam cable center conductor, without solder

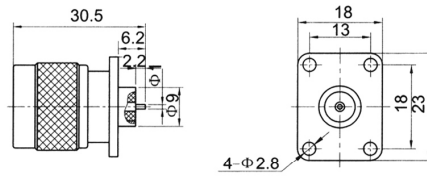
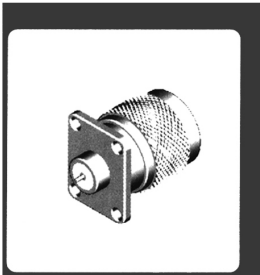


Type part number suitable cable Note

N-JFD1 0611-0002

N SERIES

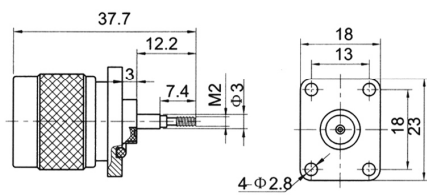
CERNEX, Inc.



Type part number

Note

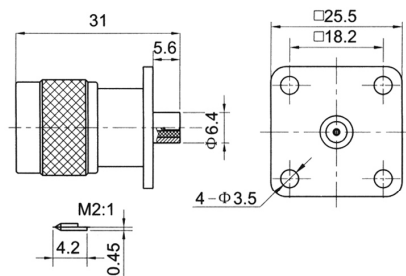
N-JFD1A 0611-0003



Type part number

Note

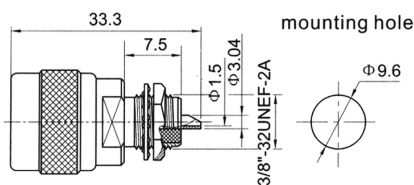
N-JFD9 0621-0056



Type part number

Note

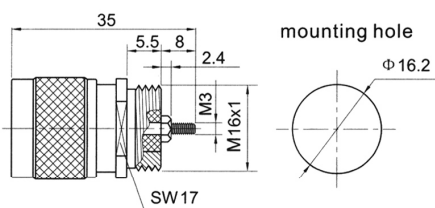
N-JFD10 0611-0012



Type part number

Note

N-JYD 0611-2801



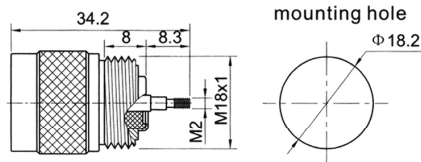
Type part number

Note

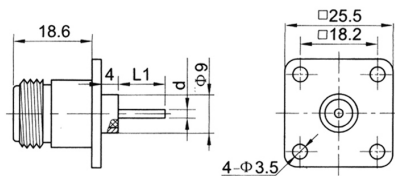
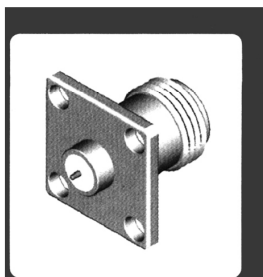
N-JYD1 0611-2802

N SERIES

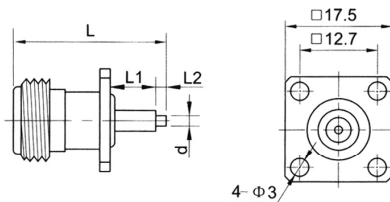
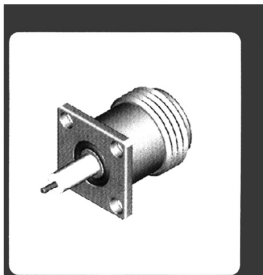
CERNEX, Inc.



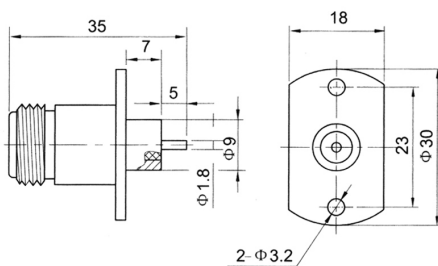
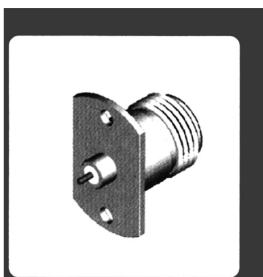
Type	part number	Note
N-JYD2	0611-2803	



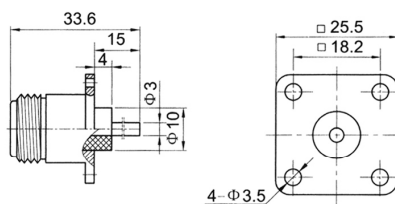
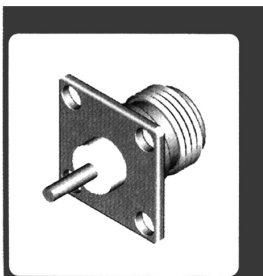
Type	part number	L1	d	Note
N-KFD	0621-0001	2.2	Φ1	
N-KFD6	0621-0012	11	Φ2	
N-KFD6A	0621-0013	2.2	Φ1	body, silver plated
N-KFD6D	0621-0012	11	Φ1	
N-KFD13	0621-0026	2.2	Φ1	



Type	part number	L	L1	L2	d	Note
N-KFD2	0621-0005	23.5	8.8	2	Φ1.3	seal rings
N-KFD3	0621-0006	41.5	18.8	4	Φ1.3	seal rings
N-KFD11	0621-0024	36.5	15	3	Φ1.2	
N-KFD12	0621-0025	29.3	9.5	1.3	Φ1.3	
N-KFD19	0621-0032	45.7	25	2	Φ1.3	seal rings
N-KFD20	0621-0033	29.8	9.3	1.7	Φ1.3	seal rings
N-KFD21	0621-0034	78.7	58	2	Φ1.5	seal rings
N-KFD22	0621-0035	30.1	5.1	6.3	Φ1.3	



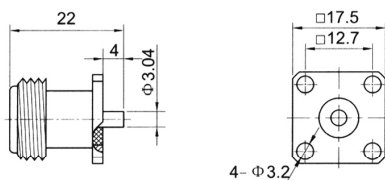
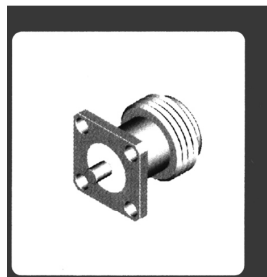
Type	part number	Note
N-KFD4	0621-0007	



Type	part number	Note
N-KFD6C	0621-0015	

N SERIES

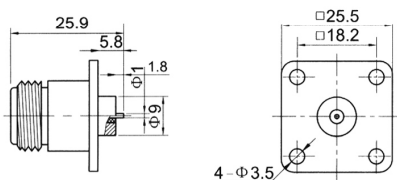
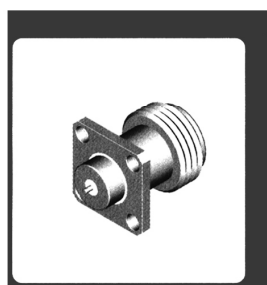
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Type part number

Note

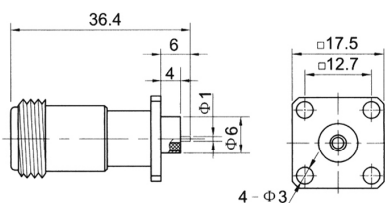
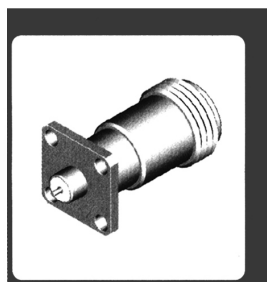
N-KFD18 0621-0031



Type part number

Note

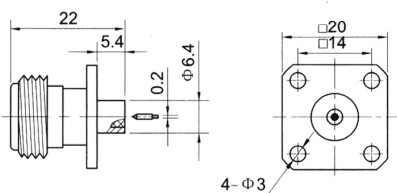
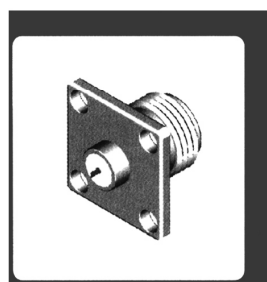
N-KFD38 0621-0049



Type part number

Note

N-KFD39 0621-0062

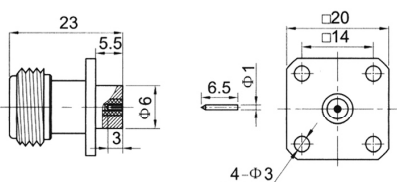
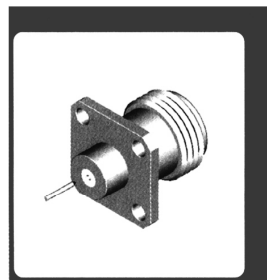


Type part number

Note

N-KFD1 0621-0002

mate pin on back end



Type part number

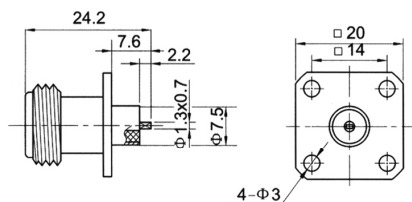
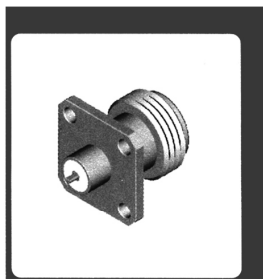
Note

N-KFD17 0621-0030

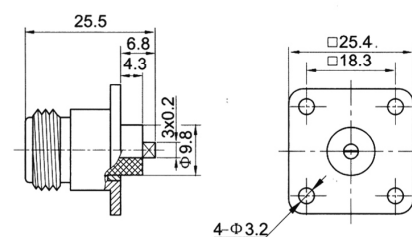
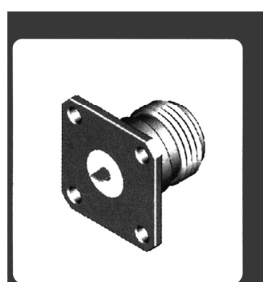
mate pin on back end

N SERIES

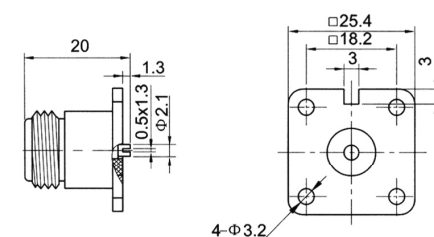
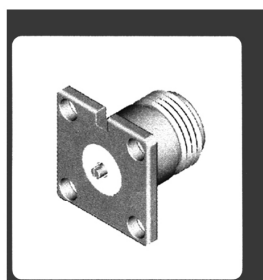
CERNEX, Inc.



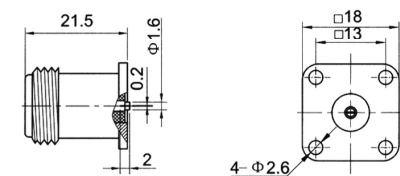
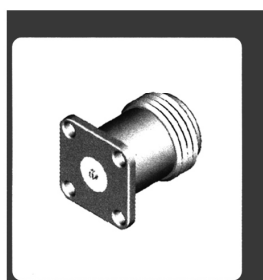
Type	part number	Note
N-KFD10	0621-0022	



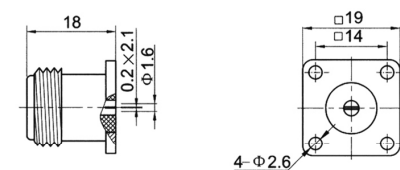
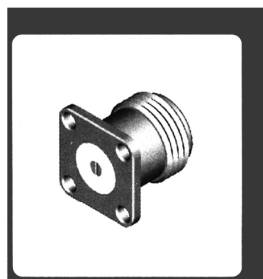
Type	part number	Note
N-KFD31	0621-0044	



Type	part number	Note
N-KFD15	0621-0028	



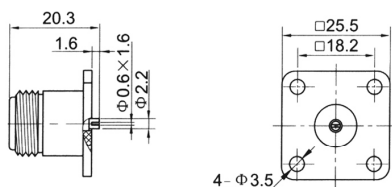
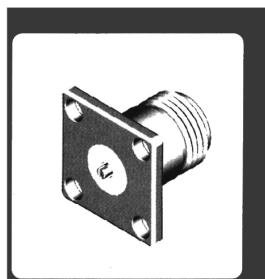
Type	part number	Note
N-KFD45	0621-0056	



Type	part number	Note
N-KFD48	0621-0059	

N SERIES

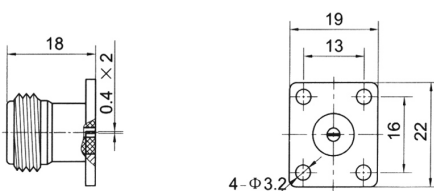
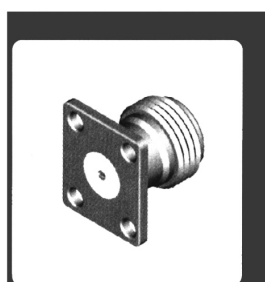
CERNEX, Inc.



Type part number

Note

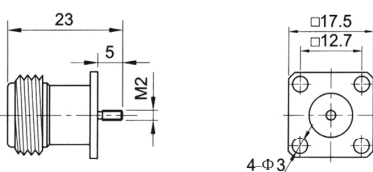
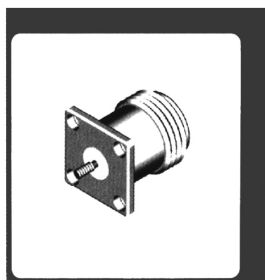
N-KFD52 0621-0063



Type part number

Note

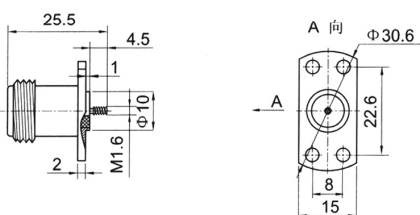
N-KF11 0621-1906



Type part number

Note

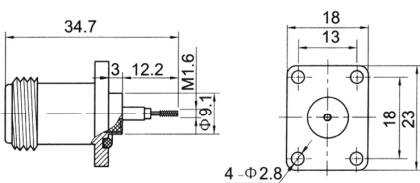
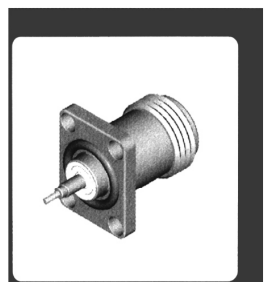
N-KFD5 0621-0009



Type part number

Note

N-KFD29 0621-0042



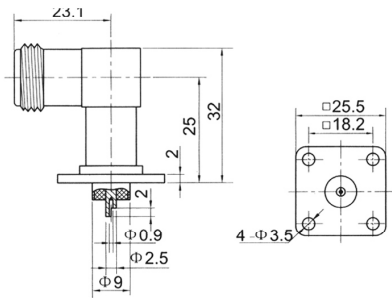
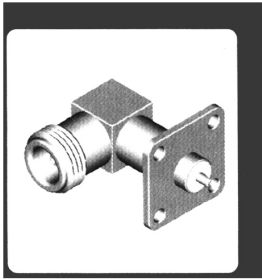
Type part number

Note

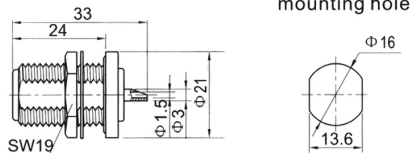
N-KFD30 0621-0043

N SERIES

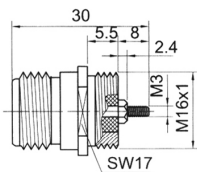
CERNEX, Inc.



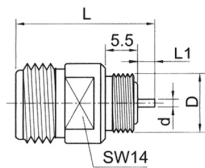
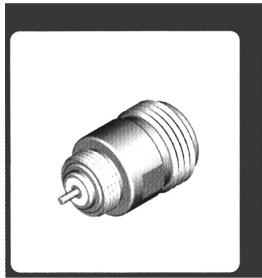
Type	part number	Note
N-KWFD2	0641-1802	



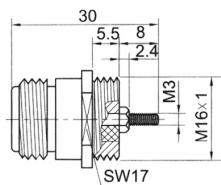
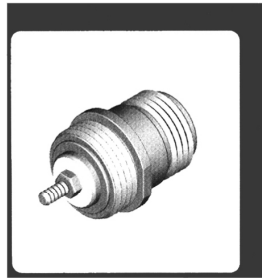
Type	part number	Note
N-50KY	0621-2901	



Type	part number	Note
N-KYD5	0621-2806	



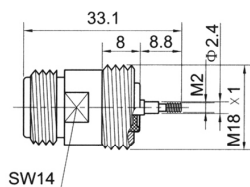
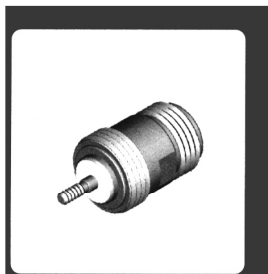
Type	part number	L	L1	d	D	Note
N-KYD6	0621-2807	28	4	Φ1.5	M12X1	
N-KYD12	0621-2813	23.9	2	Φ1.3	M8X1	
N-KYD13	0621-2814	27	3	M2	M12X1	



Type	part number	Note
N-KYD1	0621-2801	

N SERIES

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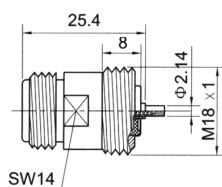
Type part number

Note

N-KYD8 0621-2809

N-KYD8G 0624-2801

stainless steel body



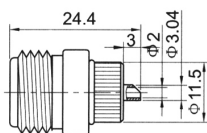
Type part number

Note

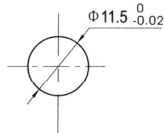
N-KYD9 0621-2810

N-KYD9G 0624-2802

stainless steel body



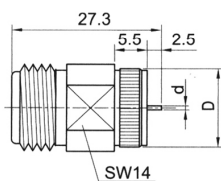
mounting hole



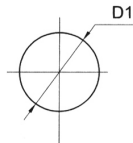
Type part number

Note

N-KP 0621-3901



mounting hole



Type part number d

D

D1

N-KPD 0621-3801

0.25

$\Phi 14.3^{+0.02}_0$

$\Phi 14.3^{-0.02}_{-0.04}$

N-KPD2 0621-3810

1.3X0.3

$\Phi 14.3^{+0.02}_0$

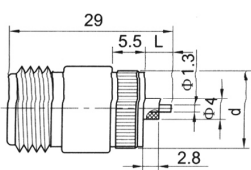
$\Phi 14.3^{-0.02}_{-0.04}$

N-KPDA 0621-3813

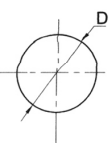
0.3X $\Phi 3.04$

$\Phi 14.3^{+0.04}_0$

$\Phi 14.4^{-0.02}_{-0.04}$



mounting hole



Type part number L

d

D

N-KPD1C 0621-3804

4.7

$\Phi 15.33^{+0.03}_{-0.01}$

$\Phi 15.33^{-0.03}_{-0.05}$

N-KPD1D 0621-3807

4.8

$\Phi 14.31^{+0.05}_{-0.01}$

$\Phi 14.31^{-0.03}_{-0.05}$

N-KPD1E 0621-3809

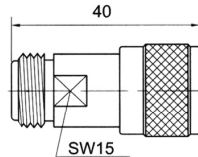
4.2

$\Phi 14.9^{+0.03}_0$

$\Phi 14.9^{-0.02}_{-0.04}$

N SERIES

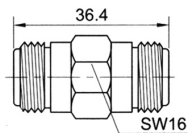
CERNEX, Inc.



Type part number

Note

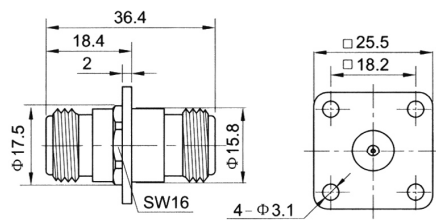
N-50JK 0601-6905



Type part number

Note

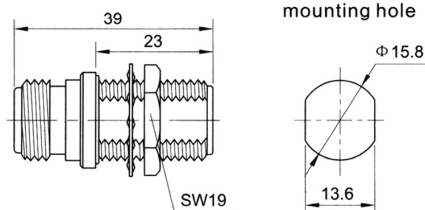
N-KK 0601-6913



Type part number

Note

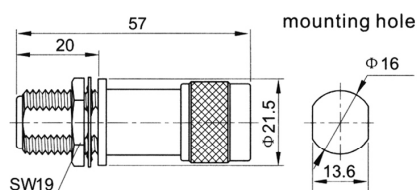
N-50KFK 0601-1901



Type part number

Note

N-KYK3 0601-2907



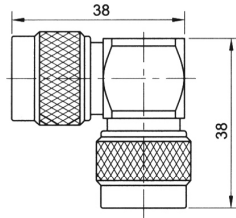
Type part number

Note

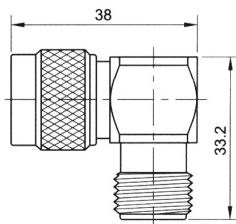
N-KYJA 0601-2902

N SERIES

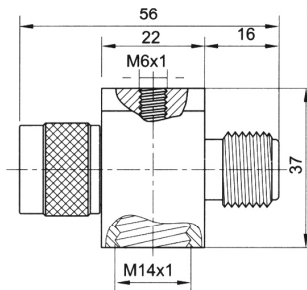
CERNEX, Inc.



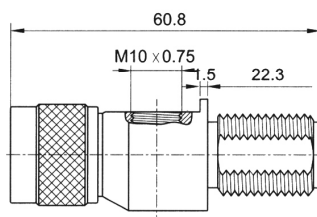
Type	part number	Note
N-JWJ	0601-6922	



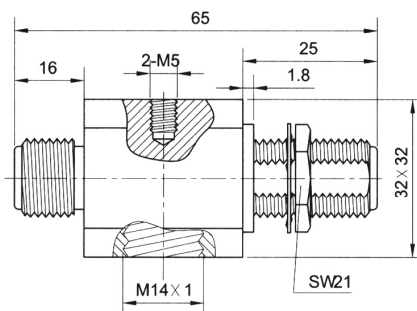
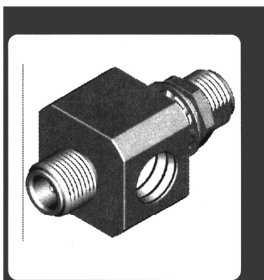
Type	part number	Note
N-JWK	0601-6923	



Type	part number	Note
N-JKB	0601-0024	center conductor configuration



Type	part number	Note
N-JKE	0601-0911	



Type	part number	Note
N-KKD	0601-6919	