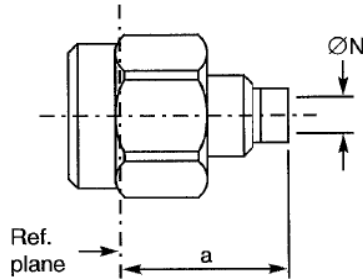


**Figure 2(b) – VARIANTS (CONTINUED)**
**Variant 01 – STRAIGHT PLUG, SOLDER TYPE FOR SEMI-RIGID CABLE**  
**Ø2.20mm (0.085")**


SYMBOL	MILLIMETRES	
	MIN.	MAX.
a	8.40	8.70
ØN	2.25	2.35

**NOTES**

1. Removable coupling nut.

All dimensions are in mm

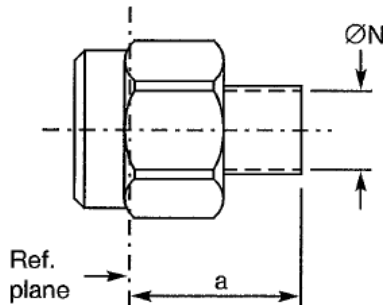
ELECTRICAL CHARACTERISTICS	VALUES	UNITS
Frequency range	0 to 18	GHz
Maximum voltage standing wave ration (VSWR)	$1.07 + 0.008 \times F$ (GHz)	-
Maximum insertion loss	$0.02\sqrt{F}$ (GHz)	dB
RF leakage <sup>(2)</sup>	- [100-F(GHz)]	dB
Voltage proof	750	Vrms
Corona level	190	Vrms

MECHANICAL CHARACTERISTICS	VALUES	UNITS
Mini centre contact retention force (axial)	Not Applicable	N
Mini centre contact retention torque	Not Applicable	N.cm
Mini cable retention force	200	N
Mini cable retention torque value	11.5	N.cm
Maximum weight	2.3	g

OTHER CHARACTERISTICS	VALUES	UNITS
Rapid change of temperature (peak)	+200	°C
Operating temperature range	-65 to +165	°C
Maxi leakage (panel sealed connectors)	Not Applicable	-
Maxi leakage (hermetic sealed connector)	Not Applicable	-
Solderability	Applicable	-
Soldering proof	Not Applicable	-
Cable used	KS1, RG405/U, (Ø2.20mm)	-

**Figure 2(b) – VARIANTS (CONTINUED)**

**Variant 02 – STRAIGHT PLUG, SOLDER TYPE FOR SEMI-RIGID CABLE**  
**Ø3.58mm (0.141”)**



SYMBOL	MILLIMETRES	
	MIN.	MAX.
a	8.40	8.70
ØN	3.65	3.75

**NOTES**

1. Removable coupling nut.

All dimensions are in mm

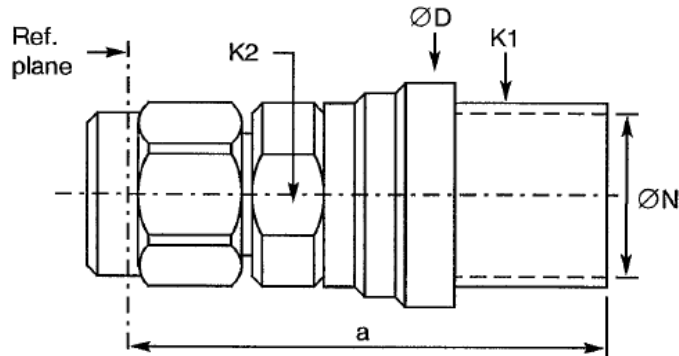
ELECTRICAL CHARACTERISTICS	VALUES	UNITS
Frequency range	0 to 18	GHz
Maximum voltage standing wave ration (VSWR)	$1.05 + 0.004 \times F$ (GHz)	-
Maximum insertion loss	$0.02\sqrt{F}$ (GHz)	dB
RF leakage <sup>(2)</sup>	- [100-F(GHz)]	dB
Voltage proof	1000	Vrms
Corona level	250	Vrms

MECHANICAL CHARACTERISTICS	VALUES	UNITS
Mini centre contact retention force (axial)	Not Applicable	N
Mini centre contact retention torque	Not Applicable	N.cm
Mini cable retention force	500	N
Mini cable retention torque value	39.6	N.cm
Maximum weight	2.4	g

OTHER CHARACTERISTICS	VALUES	UNITS
Rapid change of temperature (peak)	+200	°C
Operating temperature range	-65 to +165	°C
Maxi leakage (panel sealed connectors)	Not Applicable	-
Maxi leakage (hermetic sealed connector)	Not Applicable	-
Solderability	Applicable	-
Soldering proof	Not Applicable	-
Cable used	KS2, RG402/U, (Ø3.58mm)	-

**Figure 2(b) – VARIANTS (CONTINUED)**

**Variant 03 – STRAIGHT PLUG WITH CABLE CLAMP, SOLDER TYPE FOR SEMI-RIGID CABLE Ø6.35mm (0.250")**



SYMBOL	MILLIMETRES		NOTES
	MIN.	MAX.	
a	21.50	22.50	
ØD	10.90	11.00	
K1	-	10.00	2 flats
K2	-	8.00	2 flats
ØN	6.45	6.70	

All dimensions are in mm

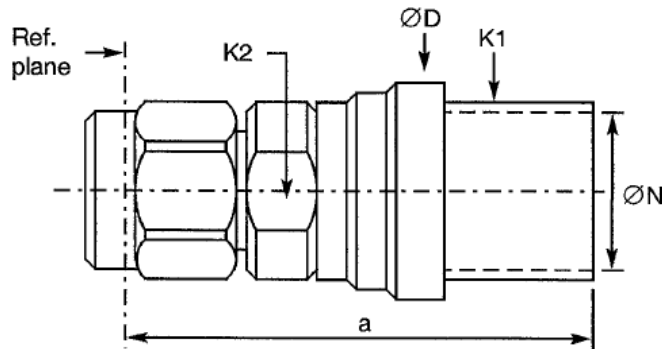
ELECTRICAL CHARACTERISTICS	VALUES	UNITS
Frequency range	0 to 18	GHz
Maximum voltage standing wave ration (VSWR)	$1.05 + 0.015 \times F$ (GHz)	-
Maximum insertion loss	$0.02\sqrt{F}$ (GHz)	dB
RF leakage <sup>(2)</sup>	- [95-F(GHz)]	dB
Voltage proof	1000	Vrms
Corona level	250	Vrms

MECHANICAL CHARACTERISTICS	VALUES	UNITS
Mini centre contact retention force (axial)	Not Applicable	N
Mini centre contact retention torque	Not Applicable	N.cm
Mini cable retention force	300	N
Mini cable retention torque value	39.6	N.cm
Maximum weight	8.2	g

OTHER CHARACTERISTICS	VALUES	UNITS
Rapid change of temperature (peak)	+200	°C
Operating temperature range	-65 to +165	°C
Maxi leakage (panel sealed connectors)	Not Applicable	-
Maxi leakage (hermetic sealed connector)	Not Applicable	-
Solderability	On centre contact only	-
Soldering proof	Not Applicable	-
Cable used	KS3, RG401/U, (Ø6.35mm)	-

**Figure 2(b) – VARIANTS (CONTINUED)**

**Variant 04 – STRAIGHT PLUG WITH CABLE CLAMP, SOLDER TYPE FOR SEMI-RIGID CABLE MICROPOROUS Ø6.35mm (0.250")**



SYMBOL	MILLIMETRES		NOTES
	MIN.	MAX.	
a	-	22.50	
ØD	10.90	11.10	
K1	-	10.00	2 flats
K2	-	8.00	2 flats
ØN	6.45	6.70	

All dimensions are in mm

ELECTRICAL CHARACTERISTICS	VALUES	UNITS
Frequency range	0 to 18	GHz
Maximum voltage standing wave ration (VSWR)	$1.05 + 0.015 \times F$ (GHz)	-
Maximum insertion loss	$0.02\sqrt{F}$ (GHz)	dB
RF leakage <sup>(2)</sup>	- [95-F(GHz)]	dB
Voltage proof	1000	Vrms
Corona level	250	Vrms

MECHANICAL CHARACTERISTICS	VALUES	UNITS
Mini centre contact retention force (axial)	Not Applicable	N
Mini centre contact retention torque	Not Applicable	N.cm
Mini cable retention force	300	N
Mini cable retention torque value	39.6	N.cm
Maximum weight	8.2	g

OTHER CHARACTERISTICS	VALUES	UNITS
Rapid change of temperature (peak)	+200	°C
Operating temperature range	-65 to +165	°C
Maxi leakage (panel sealed connectors)	Not Applicable	-
Maxi leakage (hermetic sealed connector)	Not Applicable	-
Solderability	On centre contact only	-
Soldering proof	Not Applicable	-
Cable used	Microporous Ø6.35mm	-