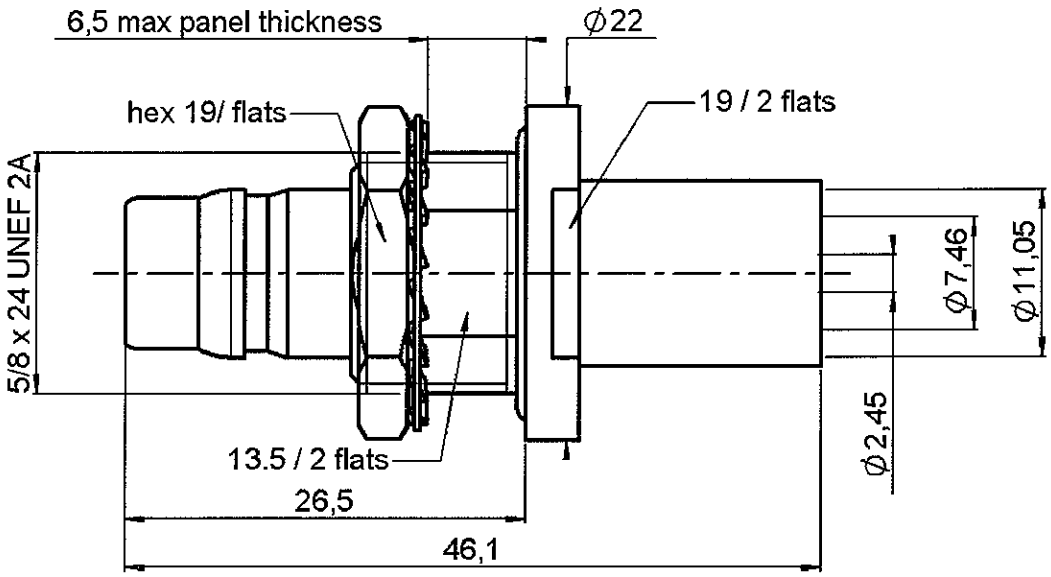
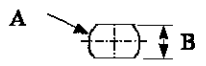
STRAIGHT BULKHEAD JACK FULL CRIMP
PANEL SEAL CABLE 10/50 S

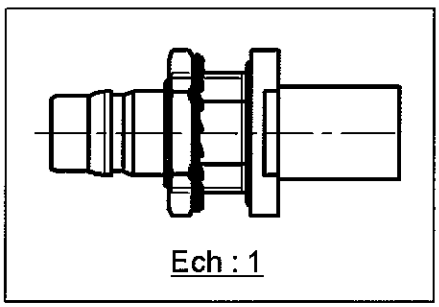
R164.331.000
Series : **QN**

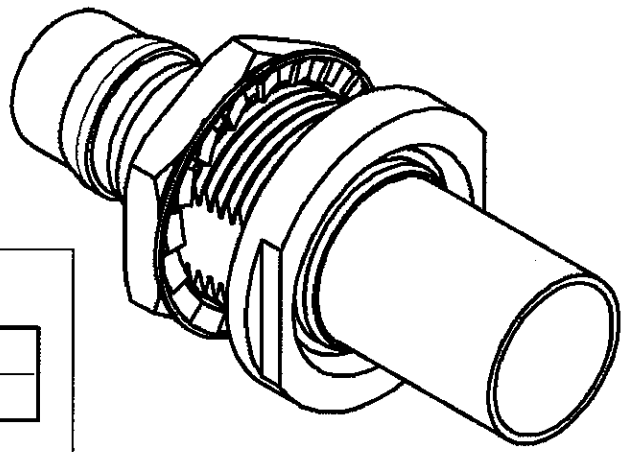


PANEL CUT OUT



	mm	
	Maxi	mini
A	16.3	16
B	13.9	13.6





All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	**BRASS**	**BBR 0.5 OVER SILVER 3**
CENTER CONTACT	**BERYLLIUM COPPER**	**SILVER 5 PASSIVATED OVER COPPER 0.5**
OUTER CONTACT		
INSULATOR	**PTFE**	
GASKET	**SILICONE RUBBER**	
OTHERS PARTS	**BRASS**	**BBR 2**
-	-	-
-	-	-

PRELIMINARY

STRAIGHT BULKHEAD JACK FULL CRIMP

PANEL SEAL CABLE 10/50 S

R164.331.000

Series : **QN**

PACKAGING

Standard	Unit	Other
50	**'W' option**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-6***	GHz
VSWR	**1.05** +	**0.025**	x F(GHz) Maxi
Insertion loss		**0.048**	√F(GHz) dB Maxi
RF leakage	- (	**	- F(GHz)) dB Maxi
Voltage rating		**1000**	Veff Maxi
Dielectric withstanding voltage		**2500**	Veff mini
Insulation resistance		**5000**	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**68**	N mini
Axial force – Opposite end	**68**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**500**	N.cm
Clamp nut	**NA**	N.cm
A/F clamp nut	**19.000**	mm
Mating life	**100**	Cycles mini
Weight	**32.663**	g

ENVIRONMENTAL

Operating temperature	**-55/+125**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**RUISS**	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	5.00	8.00	14.0	0.00	9.00	0.00

Assembly instruction : **Crimp 02**

Recommended cable(s)
KX 4
RG 165
RG 213

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	**300**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.231.000	CRIMPING TOOL	2.54-10.54
R282.235.116	CRIMPING DIES	2.54-10.54
R282.293.000	CRIMPING TOOL	

OTHERS CHARACTERISTICS

* usable 0-11GHz
** Connector only : -90dB DC<F<3GHz
-80dB min 3<F<6GHz

PRELIMINARY

Issue : 0505 B

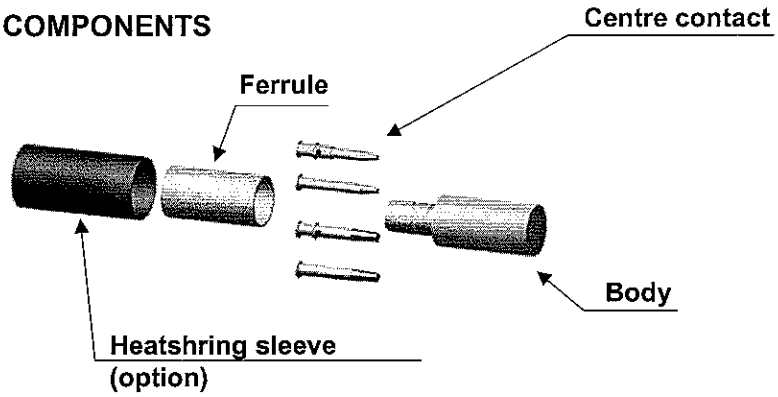
In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RADIALL®

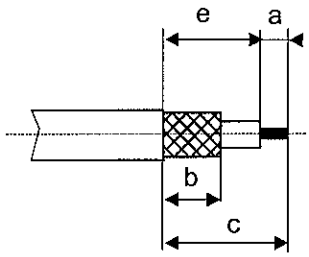
Crimp 02 : Full crimp

RADIALL®
A world of interconnect solutions

COMPONENTS

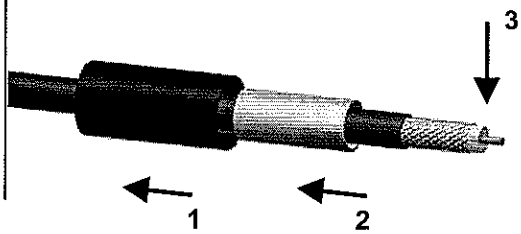


STRIPPING DIMENSIONS



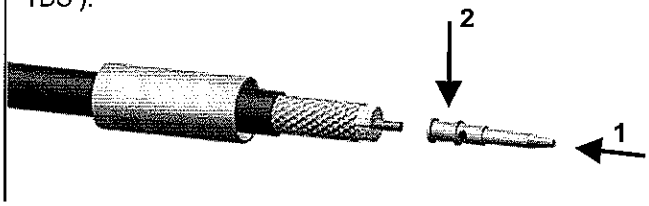
1

Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.



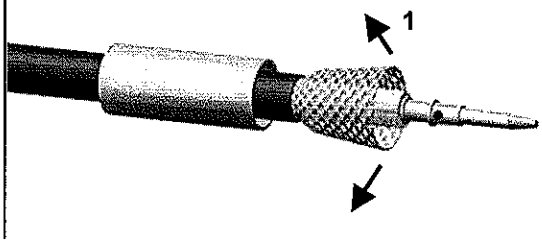
2

Slide the centre contact on until it bottoms against the cable dielectric.
Crimp the centre contact with crimping tool (see connector TDS).



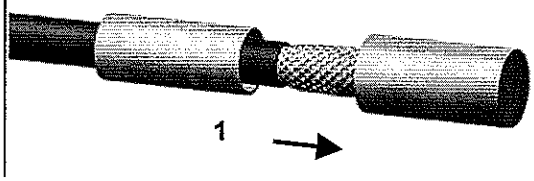
3

Fan the braid.



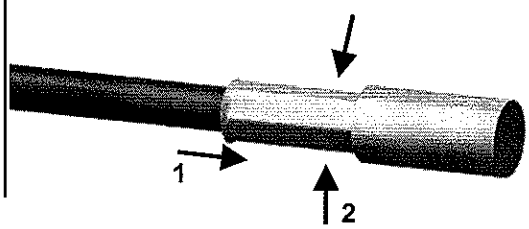
4

Slide the cable into the body until it bottoms against insulator.



5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).



6

Cut the excess of braid if necessary.
Slide the sleeve over the ferrule and heatshrink it in place (Option).

