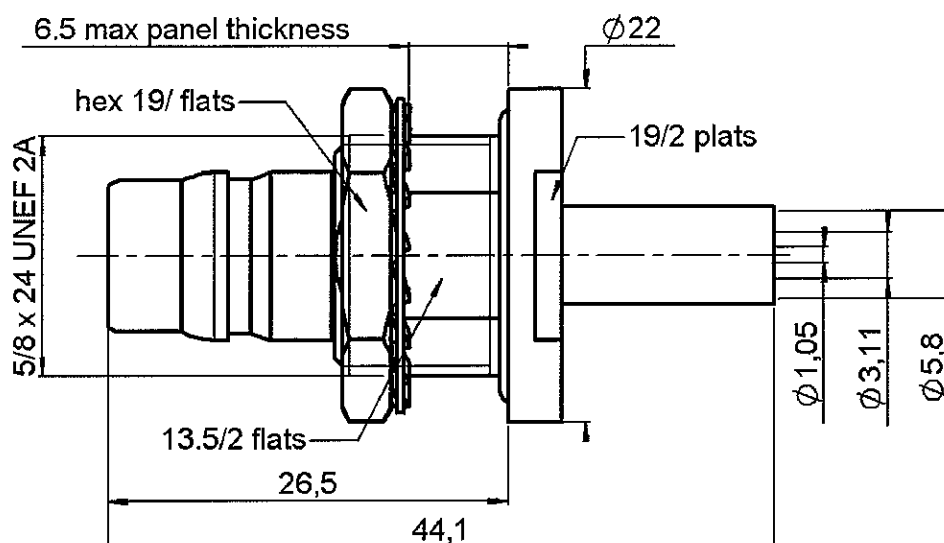


STRAIGHT BULKHEAD JACK FULL CRIMP

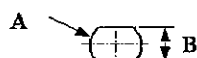
PANEL SEAL CABLE 5/50 D

R164.329.200

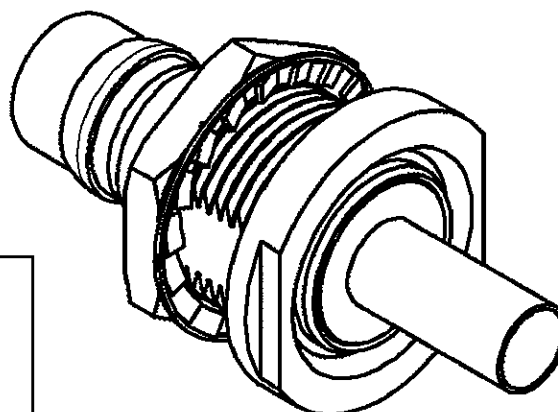
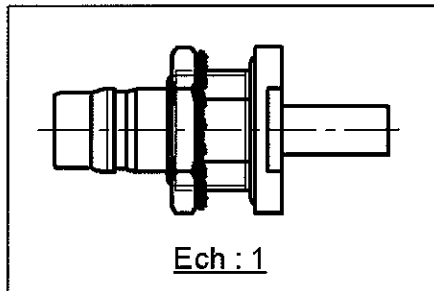
Series : QN



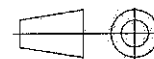
PANEL CUT OUT



	mm	
	Maxi	mini
A	16,3	16
B	13,9	13,6


QF®

All dimensions are in mm.



COMPONENTS

MATERIALS

PLATINGS (µm)

 BODY
 CENTER CONTACT
 OUTER CONTACT
 INSULATOR
 GASKET
 OTHERS PARTS

 BRASS
 BERYLLIUM COPPER
 PTFE
 SILICONE RUBBER
 BRASS

 BBR-0.5 OVER SILVER 3
 SILVER 5 PASSIVATED OVER COPPER 0.5

BBR 2

Issue : 0505 B

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


RADIALL®

STRAIGHT BULKHEAD JACK FULL CRIMP

R164.329.200

PANEL SEAL CABLE 5/50 D

Series : QN

PACKAGING

Standard	Unit	Other
50	'W' option	Contact us

SPECIFICATIONELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6*	GHz
VSWR	1.05 + 0.025	x F(GHz) Maxi
Insertion loss	0.048	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (**	- F(GHz)) dB Maxi
Voltage rating	850	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	4.50	8.00	15.0	0.00	10.5	0.00

Assembly instruction :

Crimp 02

Recommended cable(s)

RG 142

KX 23

RG 142 FTX

RG 400

RG 223

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

200 N mini

- torque

NA N.cmMECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	27	N mini
Axial force – Opposite end	27	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	39.410	g

TOOLING

Part Number	Description	Hexagon
R282.223.000	CRIMPING TOOL	1.73-5.41
R282.235.011	CRIMPING DIES	1.73-5.41
R282.293.000	CRIMPING TOOL	-

ENVIRONMENTAL

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

OTHERS CHARACTERISTICS

* usable 0-11GHz

** Connector only : -90dB min DC<F<3GHz

-80dB min 3<F<6GHz

Issue : 0505 B

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

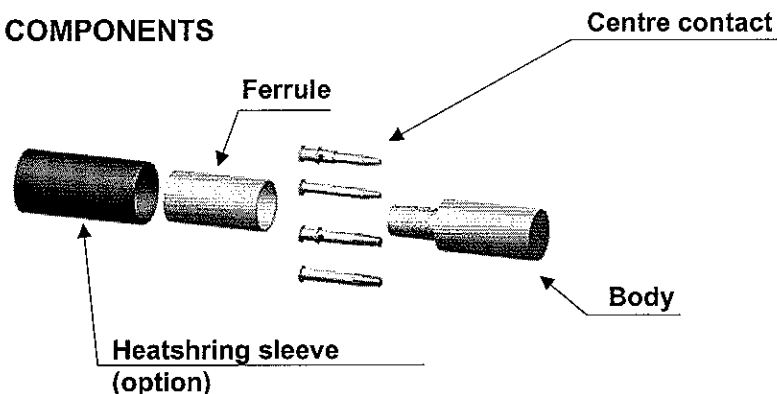
**RADIALL®**

Crimp 02 : Full crimp

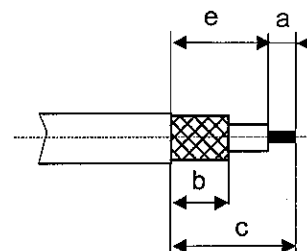


A world of interconnect solutions

COMPONENTS

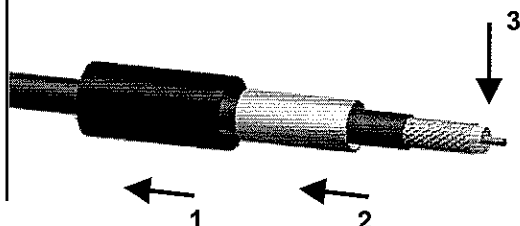


STRIPPING DIMENSIONS



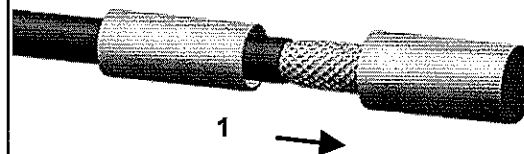
1

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



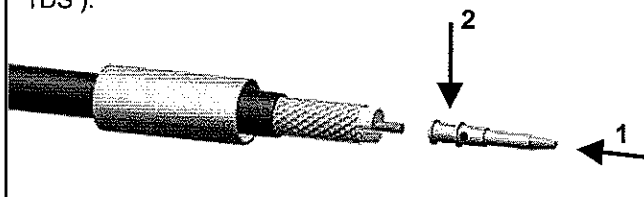
4

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



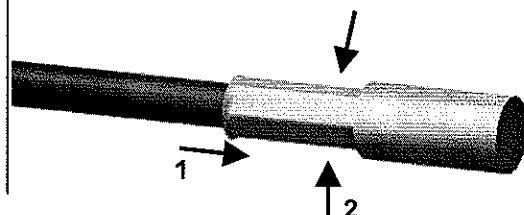
2

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



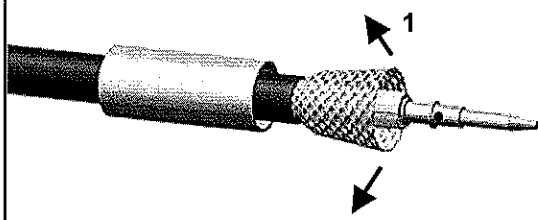
5

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



3

Fan the braid.



6

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

