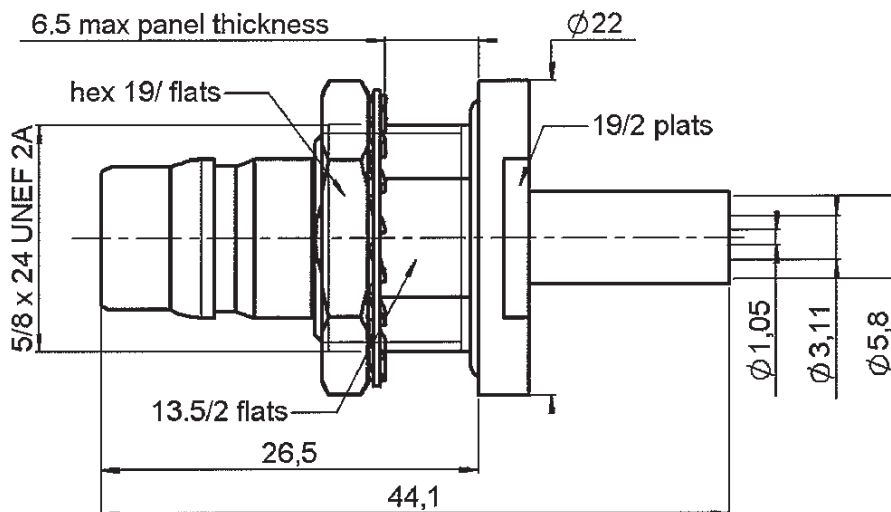


STRAIGHT BULKHEAD JACK FULL CRIMP

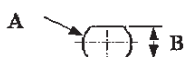
R164.329.200

PANEL SEAL CABLE 5/50 D

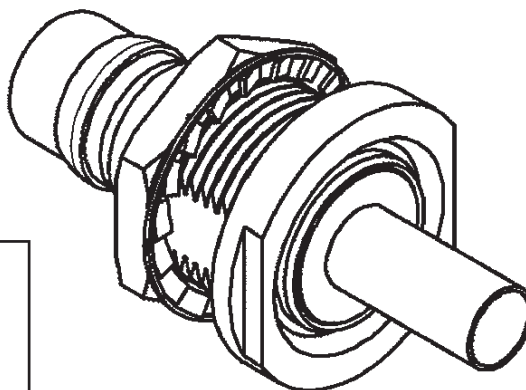
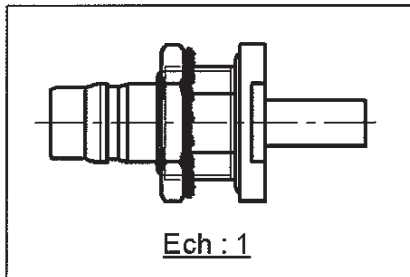
Series : QN



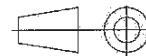
PANEL CUT OUT



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
-	-	
-	-	

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

SPECIFICATION

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		850	Veff Maxi
Dielectric withstanding voltage		1500	Veff mini
Insulation resistance		5000	MΩ 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.cm

MECHANICAL 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	-

OTHERS CHARACTERISTICS

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

ENVIRONMENTAL

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

Issue : 0505 B

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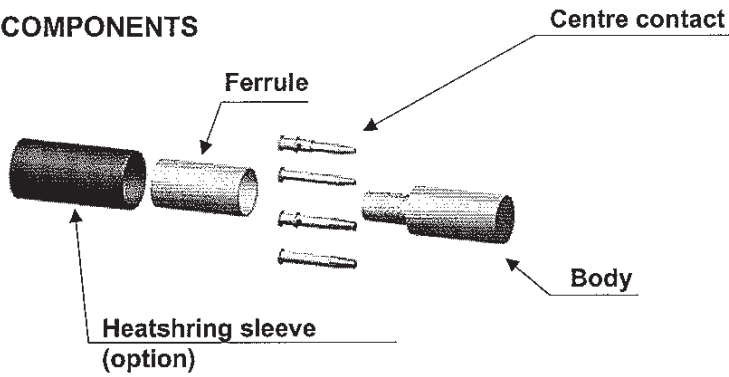
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Crimp 02 : Full crimp

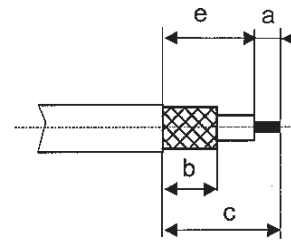


A world of interconnect solutions

COMPONENTS

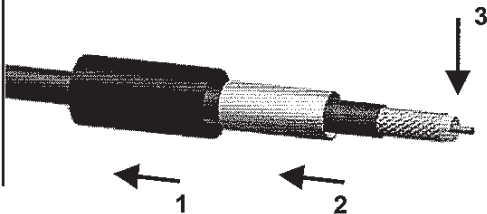


STRIPPING DIMENSIONS



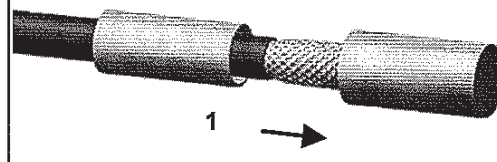
1

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



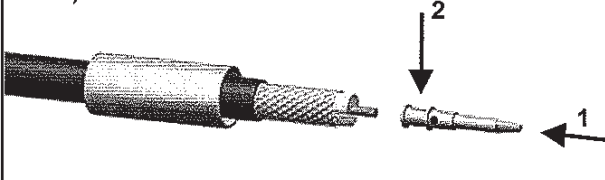
4

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



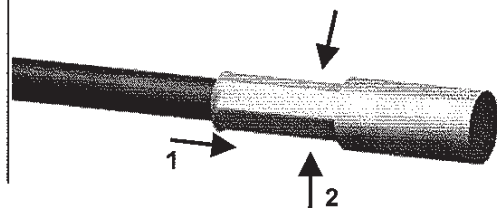
2

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



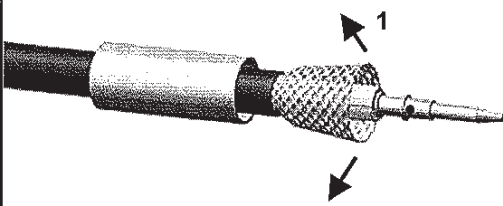
5

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).

