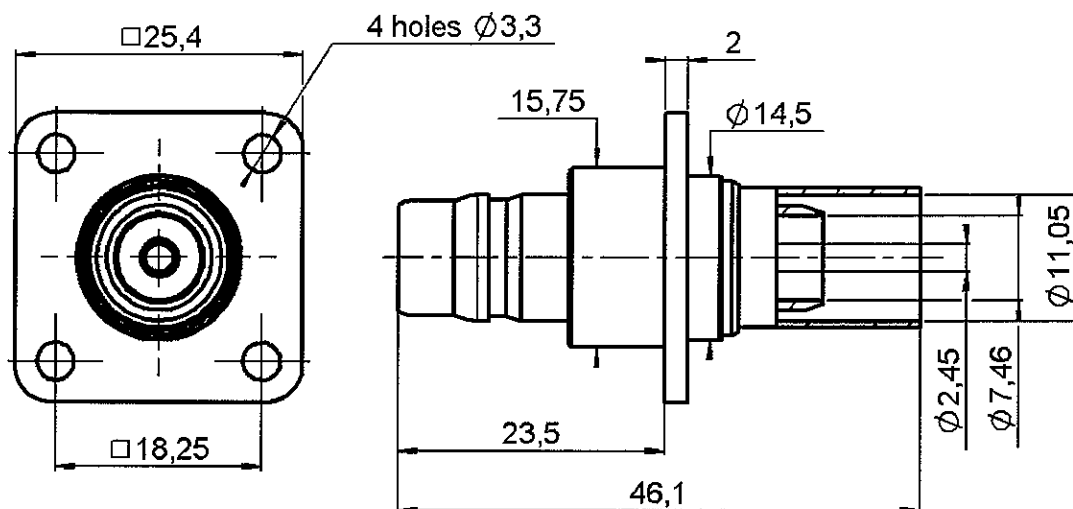


STRAIGHT FLANGE JACK CRIMP TYPE

R164.286.000

CABLE 10/50 S

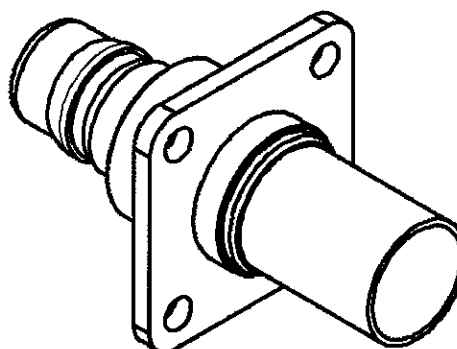
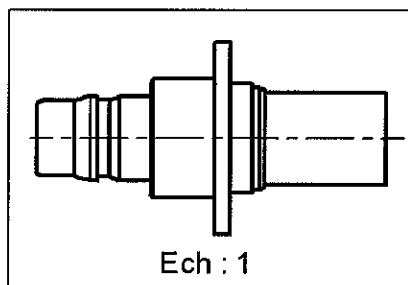
Series : QN



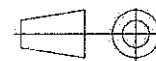
PANEL CUT OUT

A DIA
B DIA
4 holes

	mm	
	Maxi	mini
A	16.3	16.1
B	3.3	3.2
C	18.35	18.15


QF®

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	-	
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 FLANGE JACK CRIMP TYPE

R164.286.000

CABLE 10/50 S

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	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (**	- F(GHz)) dB Maxi
Voltage rating	1000	Veff Maxi
Dielectric withstanding voltage	2500	Veff mini
Insulation resistance	5000	M Ω 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	NA N.cm
Clamp nut	NA N.cm
A/F clamp nut	0.000 mm

Mating life	100 Cycles mini
Weight	35.170 g

ENVIRONMENTAL

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

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

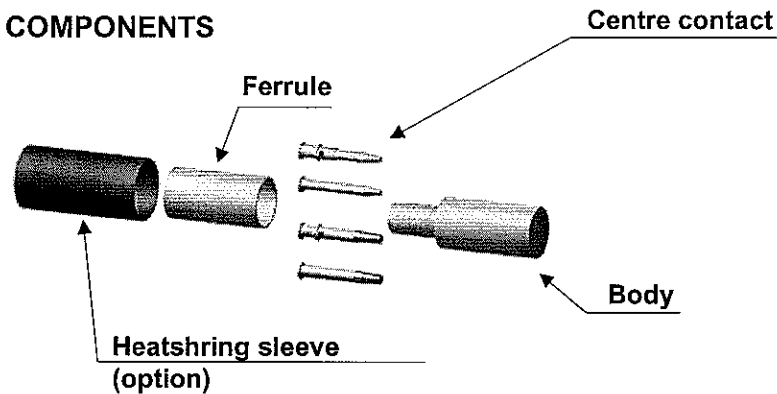
Issue : 0505 B

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

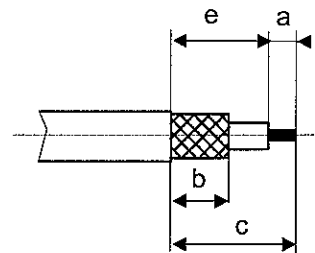
**RADIALL®**

Crimp 02 : Full crimp

COMPONENTS

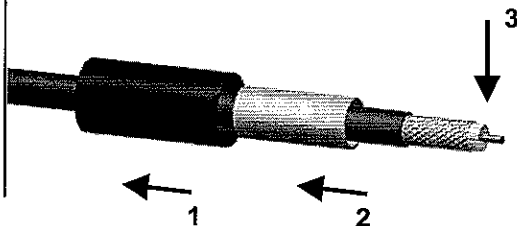


STRIPPING DIMENSIONS



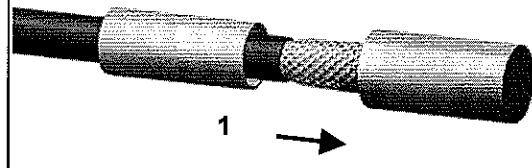
1

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



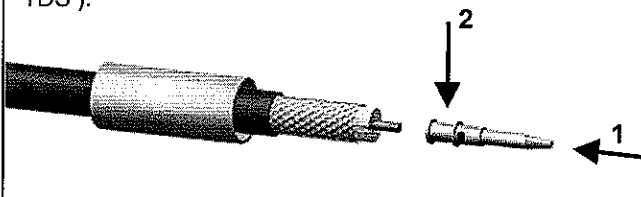
4

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



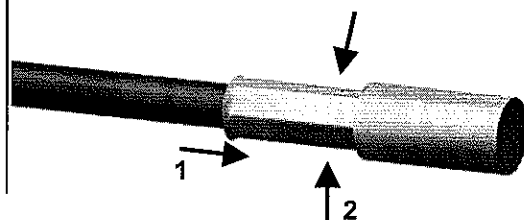
2

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



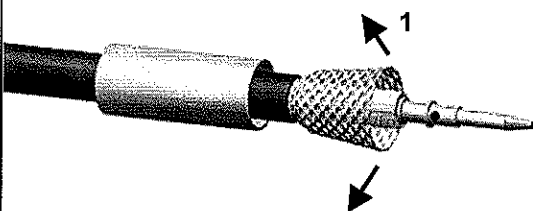
5

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



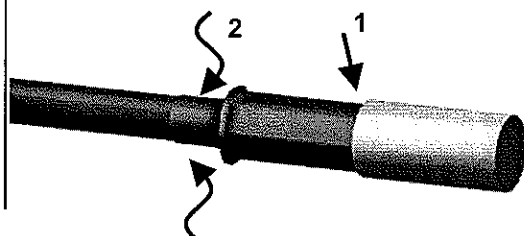
3

Fan the braid.



6

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



Mouser Electronics

Authorized Distributor

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Radial:

R164286000