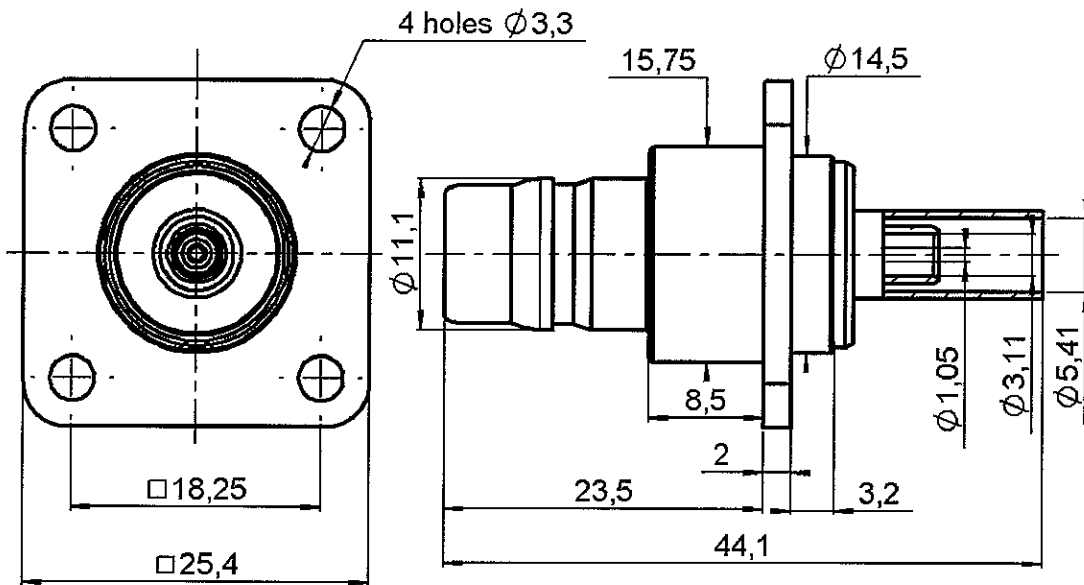


STRAIGHT FLANGE JACK CRIMP TYPE

R164.282.000

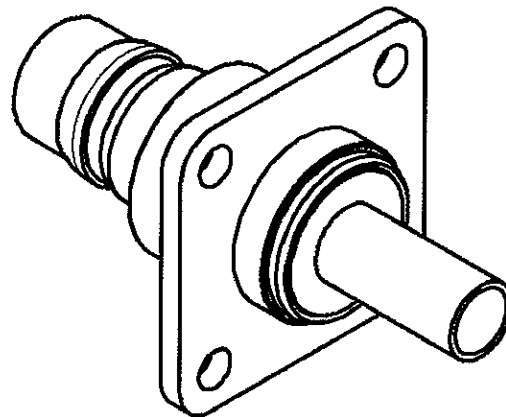
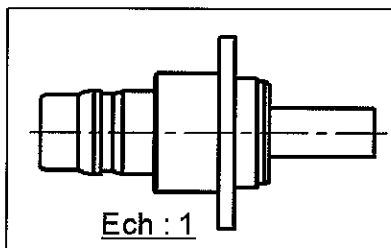
CABLE 5/50S

Series : QN

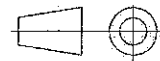


PANEL CUT OUT

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
 CENTER CONTACT
 OUTER CONTACT
 INSULATOR
 GASKET
 OTHERS PARTS
 -
 -

BRASS
 BERYLLIUM COPPER
 PTFE
 -
 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 FLANGE JACK CRIMP TYPE

R164.282.000

CABLE 5/50S

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	850	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

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	NA N.cm
Clamp nut	NA N.cm
A/F clamp nut	0.000 mm

Mating life	100 Cycles mini
Weight	33.605 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	4.50	8.00	15.0	0.00	10.5	0.00

Assembly instruction :

Crimp 02

Recommended cable(s)

RG 58
KX 15
RG 141
ECO 142
BSSM 742

Cable retention

- pull off 90 N mini
- torque NA N.cm

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

Issue : 0505 B

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

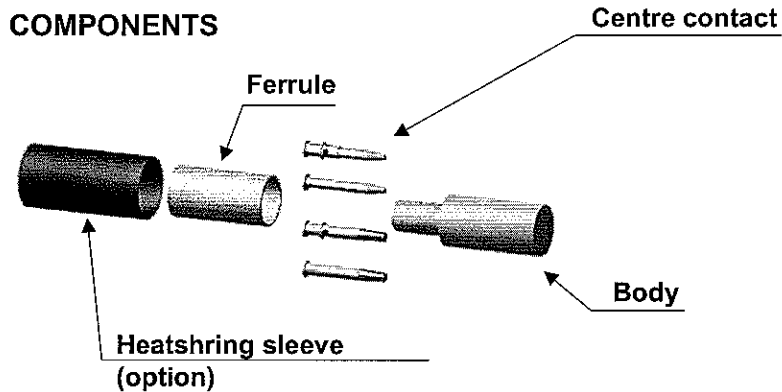
**RADIALL®**

Crimp 02 : Full crimp

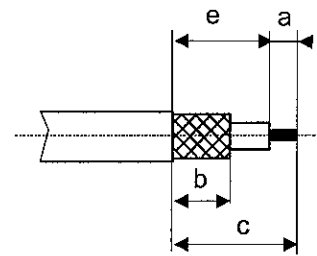


A world of interconnect solutions

COMPONENTS

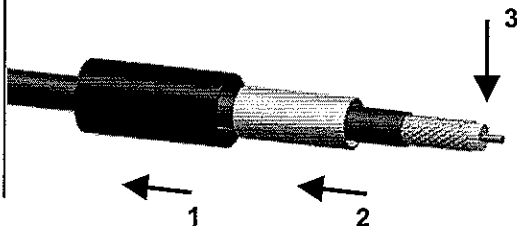


STRIPPING DIMENSIONS



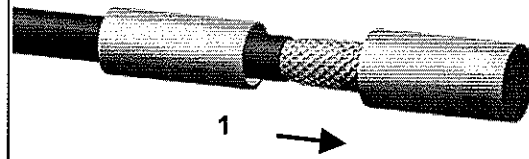
1

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



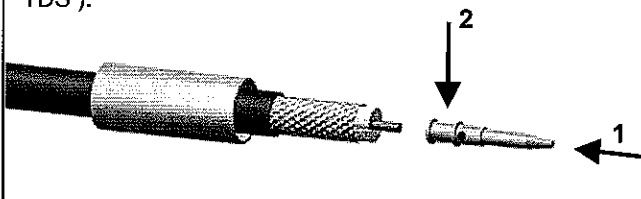
4

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



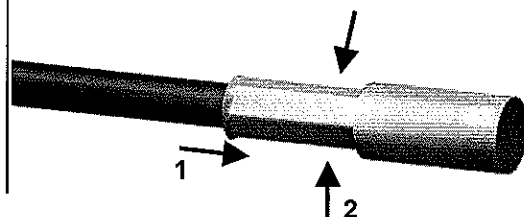
2

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



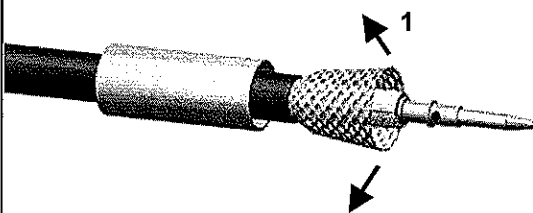
5

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



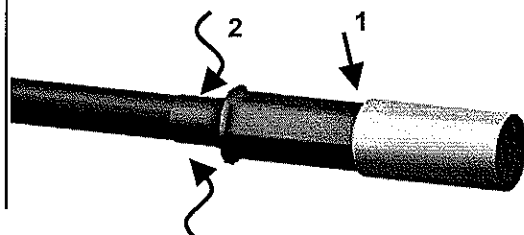
3

Fan the braid.



6

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



Mouser Electronics

Authorized Distributor

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Radial:

[R164282000](#)