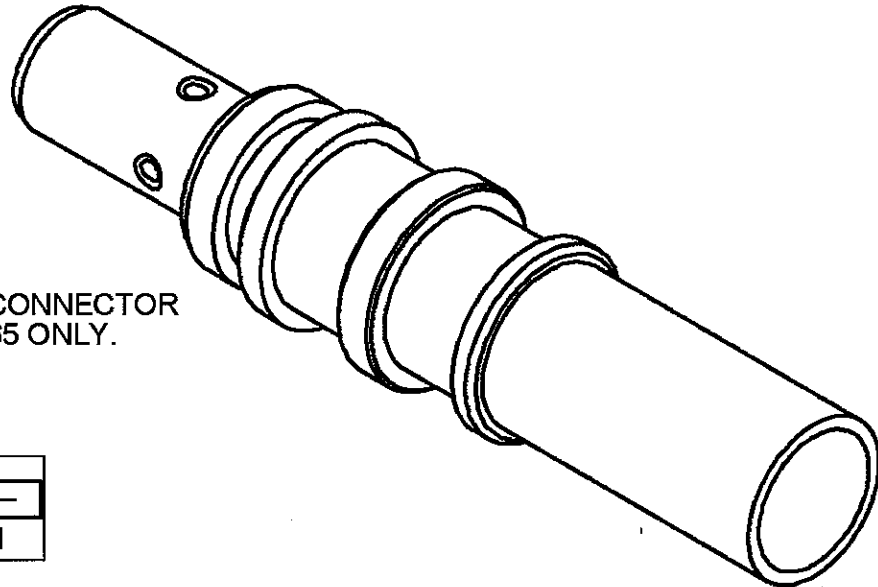
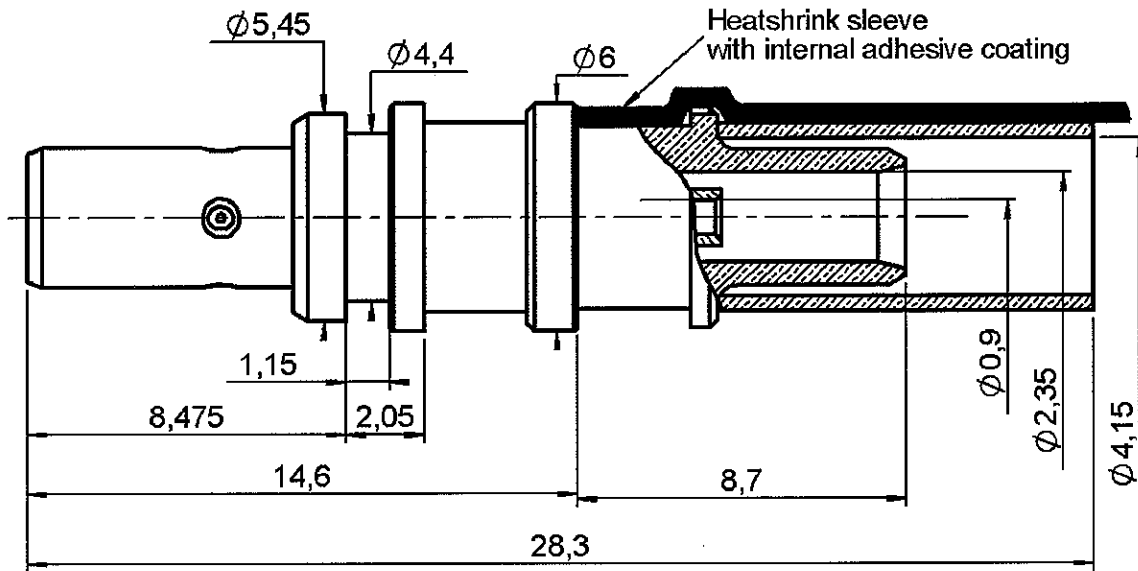


**WATERPROOF STRAIGHT MALE JACK CRIMP TYPE**

**R114.246.365**

**CABLE 3.2/50 S**

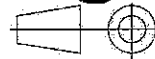
Series : **SMB**



IP67 WITH THE CONNECTOR  
R114.086.365 ONLY.



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	NICKEL 2
CENTER CONTACT	BRASS	GOLD 0.8 OVER NICKEL 2
OUTER CONTACT		
INSULATOR	PTFE	
GASKET	PTFE	
OTHERS PARTS	BRASS	NICKEL 2
-	-	-
-	-	-

Issue : 0447 A

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



**WATERPROOF STRAIGHT MALE JACK CRIMP TYPE**

**R114.246.365**

**CABLE 3.2/50 S**

Series : SMB

**PACKAGING**

Standard	Unit	Other
100	'W' option	Contact us

**SPECIFICATION**

QS9000

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-4</b> GHz
VSWR	<b>1.15</b> +	<b>0.050</b> x F(GHz) Maxi
Insertion loss		<b>TBD</b> √F(GHz) dB Maxi
RF leakage	- (	<b>NA</b> - F(GHz)) dB Maxi
Voltage rating		<b>335</b> Veff Maxi
Dielectric withstanding voltage		<b>1000</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping mm	a	b	c	d	e	f
	3.00	5.50	14.0	0.00	11.0	0.00

Assembly instruction :

Recommended cable(s)  
RTK 031

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	<b>110</b> N mini
- torque	<b>NA</b> N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>NA</b>	N mini
Axial force – Opposite end	<b>NA</b>	N mini
Torque	<b>NA</b>	N.cm mini

Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0.000</b>	mm

Mating life	<b>10</b>	Cycles mini
Weight	<b>2.900</b>	g

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.235.911	CRIMPING DIES	Square 1.2 Hex: 4.3
R282.293.000	CRIMPING TOOL	

**OTHERS CHARACTERISTICS**

THIS COAX CAN BE USED WITH  
FAKRA2 JACK HOUSING R197.132\_90  
(replaced the \_ by the coding letter)

**ENVIRONMENTAL**

Operating temperature	<b>-40/+110</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

Issue : 0447 A

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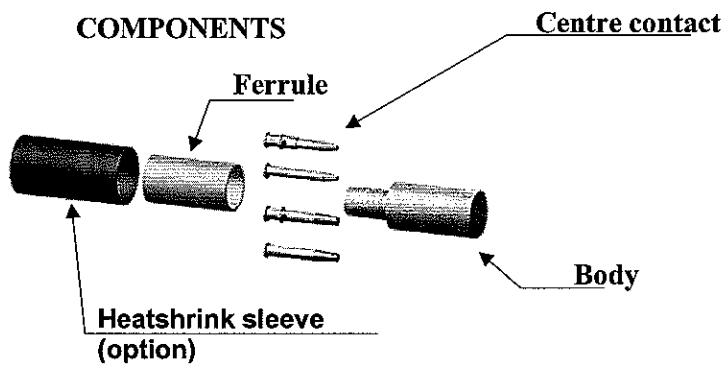
**WATERPROOF STRAIGHT MALE JACK CRIMP TYPE**

**R114.246.365**

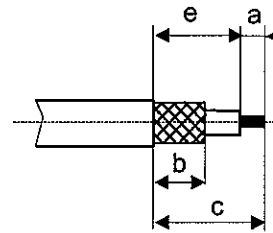
**CABLE 3.2/50 S**

Series : SMB

**COMPONENTS**

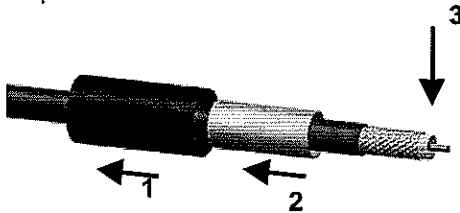


**STRIPPING DIMENSIONS**



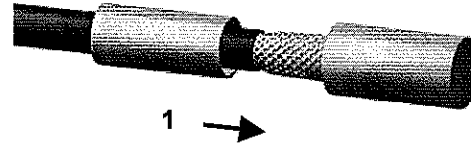
**1**

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



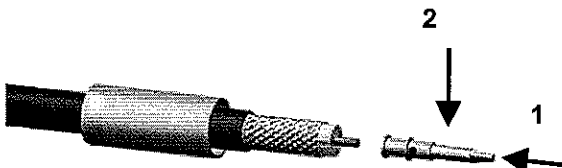
**4**

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



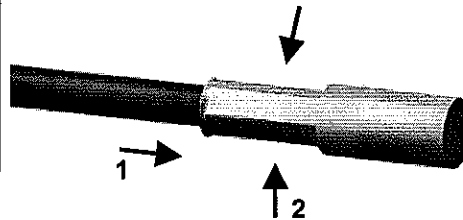
**2**

Slide the centre contact on until it bottoms against the cable dielectric.  
Solder the centre contact.  
Clean solder area.



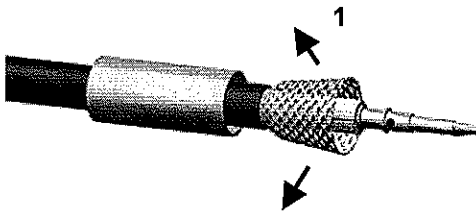
**5**

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



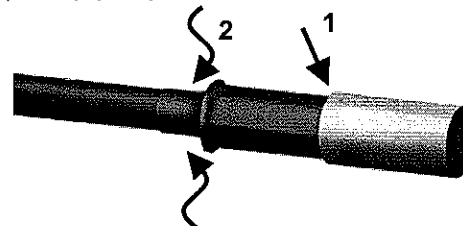
**3**

Fan the braid.



**6**

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



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