

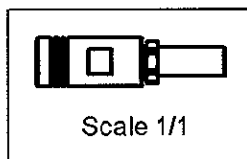
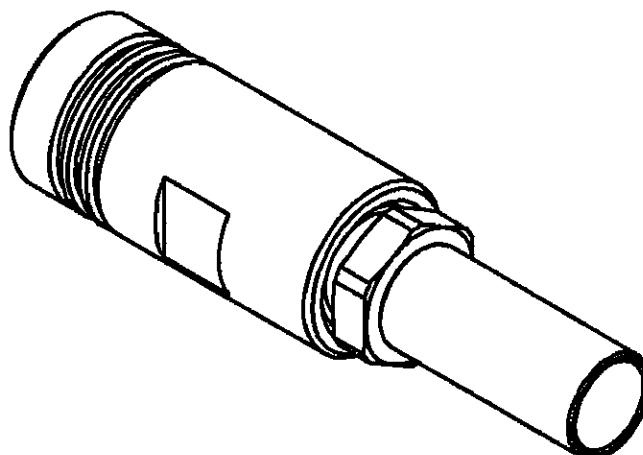
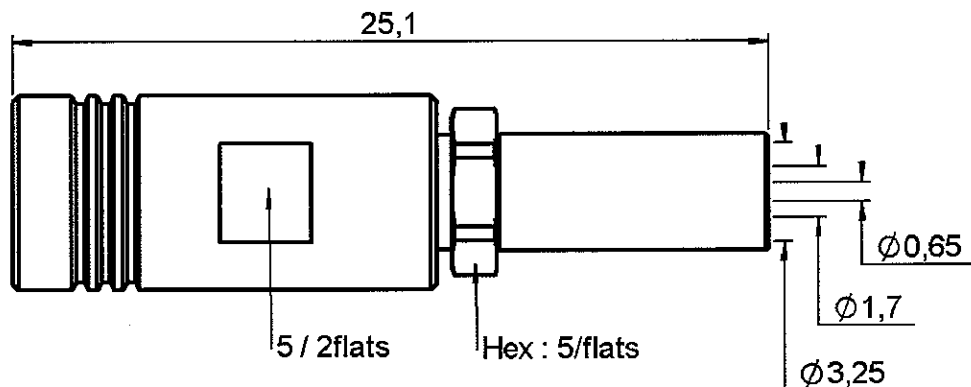
**STRAIGHT PLUG CRIMP TYPE**

**CABLE 2.6/50+75 S**

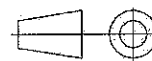
**R114.075.000**

Series : SMB

ORIGINAL



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	GOLD 0.2 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0151 C

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



**RADIALL**®

**STRAIGHT PLUG CRIMP TYPE****CABLE 2.6/50+75 S****R114.075.000**

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**PACKAGING**

Standard	Unit	Other
100	'W' option	Contact us

**SPECIFICATION****ELECTRICAL CHARACTERISTICS**

Impedance	50	$\Omega$
Frequency	0-4	GHz
VSWR	1.25 + 0.040	x F(GHz) Maxi
Insertion loss	0.25	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- ( 57	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	1000	M $\Omega$ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2.20	5.40	15.5	0.00	13.3	0.00

Assembly instruction :

Recommended cable(s)

KX 22A

RG 188

RG 179

RG 187

RG 316

Cable retention

- pull off

110 N mini

- torque

3.2 N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention	
Axial force – Mating end	10 N mini
Axial force – Opposite end	10 N mini
Torque	NA N.cm mini

Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm
Clamp nut	70 N.cm
A/F clamp nut	5.000 mm

Mating life	500 Cycles mini
Weight	3.300 g

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.211.000	CRIMPING TOOL	3.25
R282.235.003	CRIMPING DIES	3.25
R282.293.000	CRIMPING TOOL	-

**OTHERS CHARACTERISTICS**

-

**ENVIRONMENTAL**

Operating temperature	-65/+165 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

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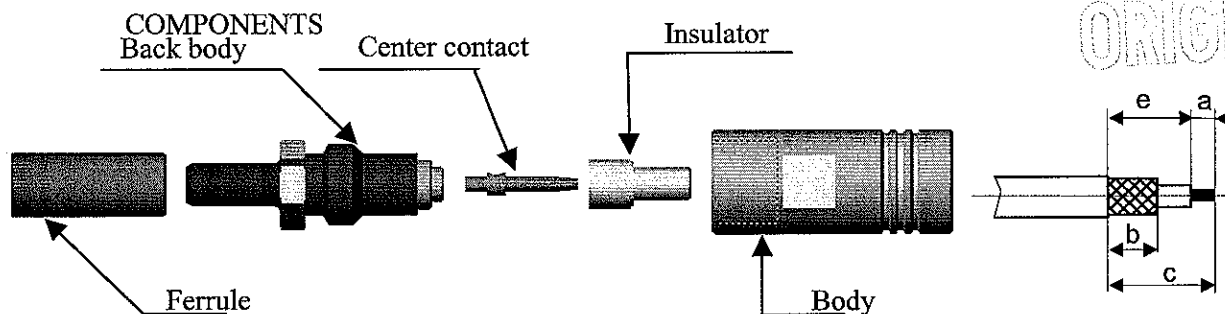
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STRAIGHT PLUG CRIMP TYPE

CABLE 2.6/50+75 S

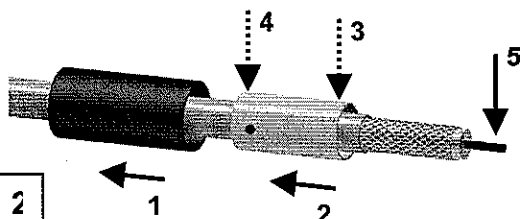
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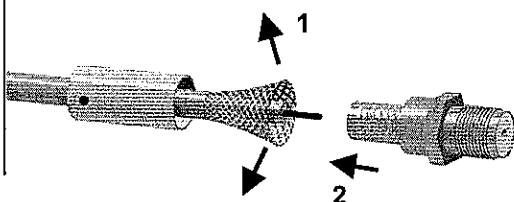
1

Slide the heatshrink onto the cable (in option).  
Slide the ferrule onto the cable.  
If solder : the hole in front.  
If crimping : the hole in back.  
Strip the cable.



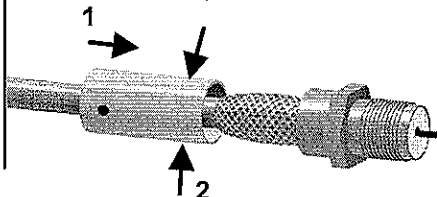
2

Fan the braid.  
Mount the cable in the back body.



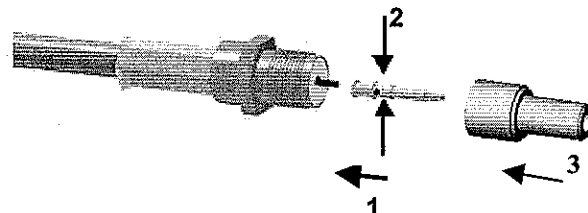
3

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



4

Mount the center contact inner conductor.  
Solder or crimping the contact with crimping tool  
( see connector TDS ).  
Mount the front insulator.



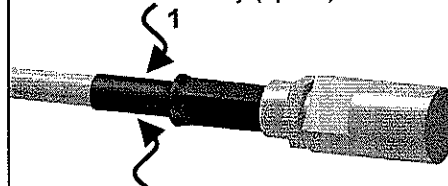
5

Mount the sub-assembly into the connector and  
screw the body  
Recommended coupling torque : 170N cm.



6

Place and shrink the heatshrink between 135° to  
250° at back to body (option).



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