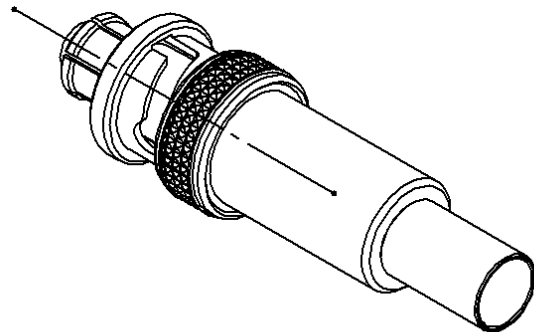
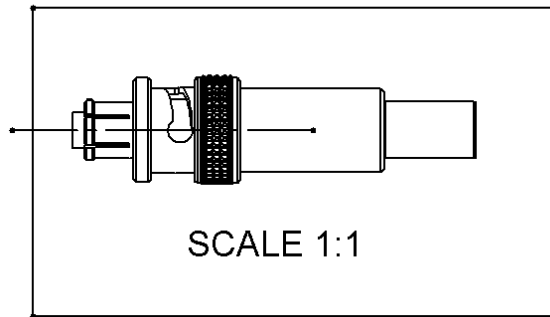
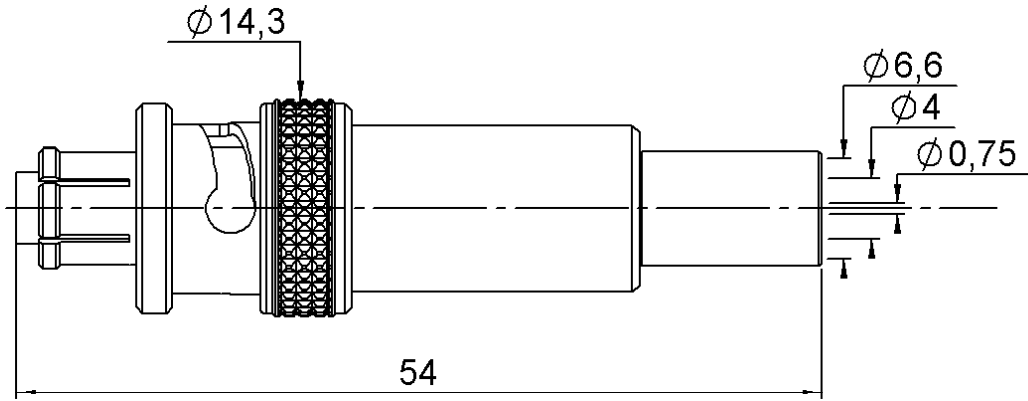


STRAIGHT JACK CRIMP TYPE

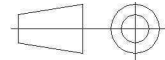
R317.074.000

CABLE 6/75 S- PACK. 100

Series : SHV



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	BRASS	NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	NICKEL 2
INSULATOR	PTFE	
GASKET	SILICONE	
OTHERS PARTS	BRASS	NICKEL 2
-	-	-
-	-	-

Issue : 1013 J

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



STRAIGHT JACK CRIMP TYPE

R317.074.000

CABLE 6/75 S- PACK. 100

Series : SHV

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0 - 2	GHz
VSWR	1.2 + 0,3000	x F(GHz) Maxi
Insertion loss	TBD	\sqrt{F} (GHz) dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating	*	Veff Maxi
Dielectric withstanding voltage	10000	Veff mini (DC)
Insulation resistance	5000	M Ω mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	3,50	6,50	31,0	0,00	27,5	0,00

Assembly instruction : **Crimp 01**

Recommended cable(s)
RG 59
KX 6A

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 **180** 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

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	6.48
R282.235.013	CRIMPING DIES	6.48
R282.293.000	CRIMPING TOOL M22520/5-01	

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,0000	mm

Mating life	500	Cycles mini
Weight	20,4000	g

OTHER CHARACTERISTICS

* 6000 V eff (DC)
*3500 V rms (AC)

ENVIRONMENTAL

Operating temperature	-65/+165	$^{\circ}$ C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

Issue : 1013 J

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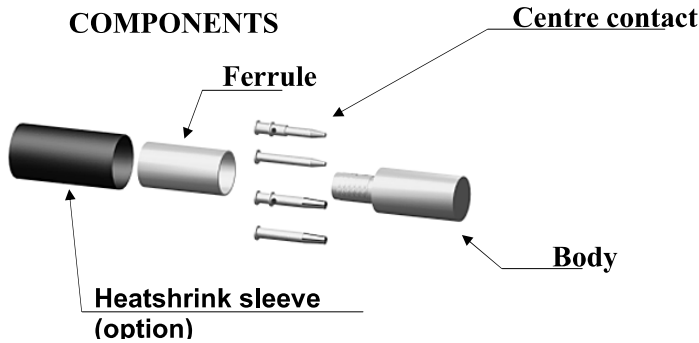
STRAIGHT JACK CRIMP TYPE

CABLE 6/75 S- PACK. 100

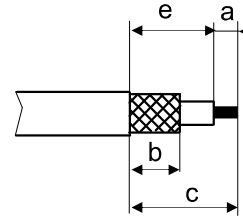
R317.074.000

Series : SHV

COMPONENTS

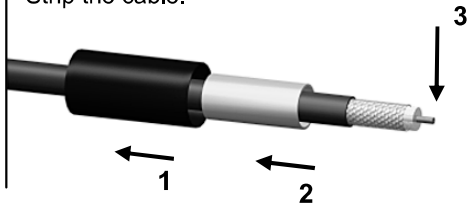


STRIPPING DIMENSIONS



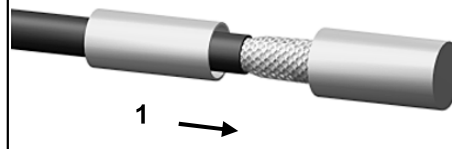
1

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



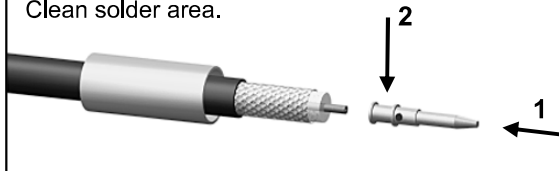
4

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



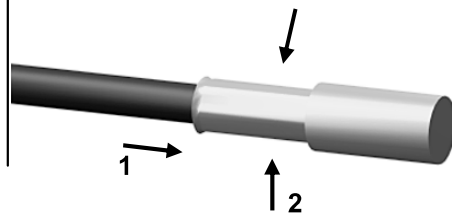
2

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



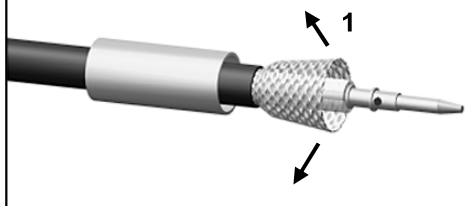
5

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



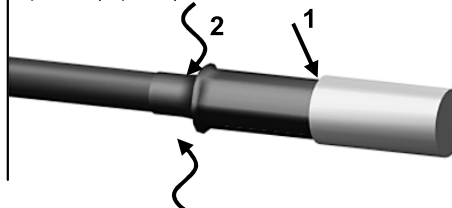
3

Fan the braid.



6

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



Issue : 1013 J

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