

## Assembly Procedure

1. Slide crimp sleeve onto cable
2. Strip cable



1. Fan braid
2. Slide pusher sleeve onto cable over the foil and dielectric as RA8000 has a loose foil, twisting the sleeve in the direction of the foil wrap aids assembly.
3. Slide small insulator over centre conductor.



1. Slide centre contact onto cable conductor up to the insulator & sleeve
2. Ensure that the conductor is visible through the Contact inspection hole.
3. Crimp the centre contact using appropriate sized crimping tool



## Electrical Specification

Impedance: 75 Ohm  
 Frequency: 0 - 3 Ghz (Cabel limited)  
 Dielectric W/V: 1500 V eff min  
 Insulation res: 500 M-Ohm min

## Mechanical Specification

Centre contact retention  
 Axial Force: 10N min  
 Cable Retention: 60N min  
 Mating cycles: 100

## Environmental Specification

Operating Temp: -35 to +70 Deg C

## Tooling

Centre Contact: HEX 1.46mm A/F  
 Crimp Sleeve: HEX 5.18mm A/F

1. Slide the cable into the connector and push home until the centre contact "CLICKS" into place
2. Slide the crimp sleeve over the braid
3. Crimp the crimp sleeve using the appropriate sized crimp tool (trim excess braid if necessary)

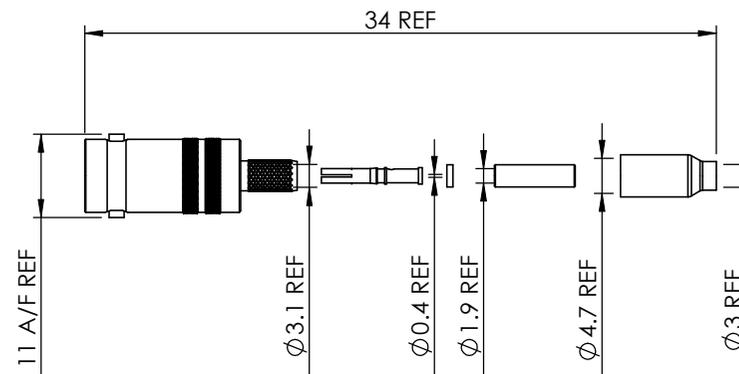


DO NOT SCALE DRAWING

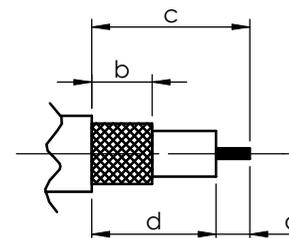


DATA SHEET

SHEET 1 OF 1



## STRIPPING DIMENSIONS



a = 4.5mm  
 b = 8.0mm \* INCLUDING FOIL  
 c = 16.0mm  
 d = 11.5mm

7			
6	INSULATOR	PTFE	N/A
5	PUSHER SLEEVE	BRASS	NICKEL
4	CRIMP SLEEVE	BRASS	NICKEL
3	CENTRE CONTACT	BERYLLIUM COPPER	GOLD
2	INSULATOR	PTFE	N/A
1	BODY	BRASS	NICKEL
ITEM	DESCRIPTION	MATERIAL	PLATING



**COAX CONNECTORS LTD**  
 6-8 COLNE ROAD, TWICKENHAM,  
 MIDDLESEX. TW1 4JR

**REVISION**  
 B01

A4	DIMENSIONS ARE IN MILLIMETERS		
	NAME	SIGNATURE	DATE
DRAWN	GE		01/07/2009
CHK'D	IG		01/07/2009
APPV'D			

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<b>Description</b>	75 Ohm BNC SKT RA8000
<b>Part Number</b>	10-056-B36-BG