



Product Data Sheet

Product Type

BNC Plug

Product Model

SEBNCM-75PL9

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	BNC Plug	
Product Model	SEBNCM-75PL9	
Product Features		
➤ Reduced outer diameter pins and insulated design result in low return loss and true 75Ω characteristic impedance, which is suitable for UHD video signal transmission ➤ Bayonet lock/unlock, easy and convenient to use ➤ Gold plated pin ensures that the signal is stable after plugging and unplugging ➤ Fully compatible with conventional BNC socket connectors		



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Product Parameters

Item	Specification
Connection Type	BNC
Gender	Male

Electrical Parameters

Item	Specification
Contact resistance	$\leq 3 \text{ m}\Omega$ (inner) , $\leq 2 \text{ m}\Omega$ (outer)
Rated voltage	$< 50 \text{ }\Omega$
Impedance	$75 \text{ }\Omega$
Insulation strength	$> 5 \text{ G}\Omega$
Dielectric strength	1.5 kVdc



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Mechanical Parameters

Item	Specification
Cable anchoring	Jacket crimping
Locking device	Bayonet
Service life	> 1000 mating cycles
Insertion force	≤ 25 N
Crimp size	6.47 Hex crimp (shield) 1.07 crimp (pin)
Cable OD	6.3 mm

Material and Environmental Parameters

Item	Specification
Housing	Copper alloy
Housing plating	Ni
Contacts	Copper alloy
Contact surface	Au
Inner core	PTFE
Temperature range	-30°C ~ +80°C



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Recommended cables

Argosy Image 720

Belden 1505A
Belden 1505ANH
Belden 1505DNH
Belden 4505R
Belden 70081
Belden 70081NH
Belden 70081CH

Bryant SD50F

CAE HD08370LSZH

Canare L-4CFB

Canford SDV-I-X-LFH

Clark CD7559
Clark Wire CD7559F

CommScope 5565

DirectCable 301-299 Evolution XPC

Draka 0.8/3.7 AF
Draka 755-801
Draka 755-803
Draka 755-804
Draka HD Pro 0.8/3.7 AF
Draka Highflex 0.8L/3.7Dz

Gepco VPM2000

Klotz VD083SH
Klotz V08/37H

Percon VK6

Proel HPC 810

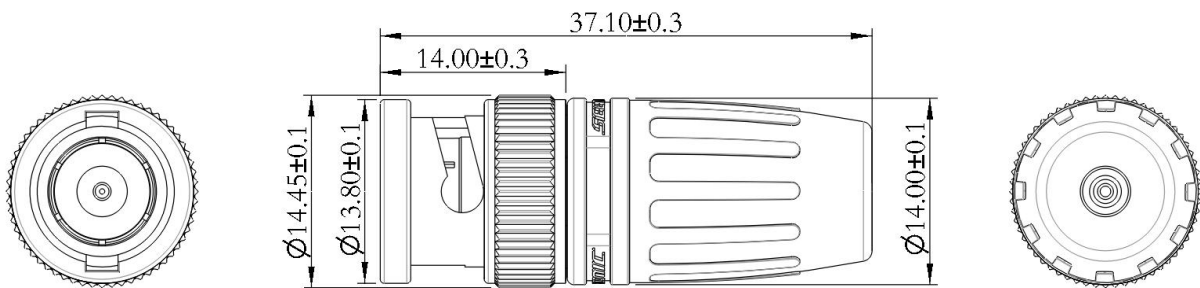
Sommer 600-0451
Sommer 600-162(F)
Sommer vector 0.8/3.7

Suhner S0426



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Product Drawing



Unit: mm

Packaging Method

1 pc per bag (include 1 pc each of inner core assembly, boot, pin and crimp ferrule)
40 pcs per inner carton, 5 inner cartons per master carton (200 pcs per master carton)

Accessory

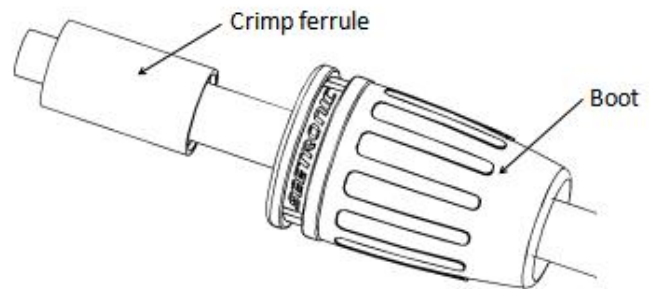
- | | |
|--|--|
| ☒ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nuts | ☐ Other |



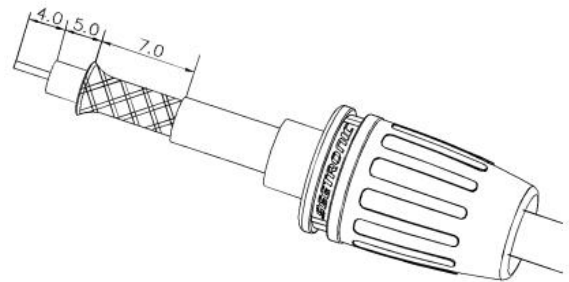
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Assembly Instructions

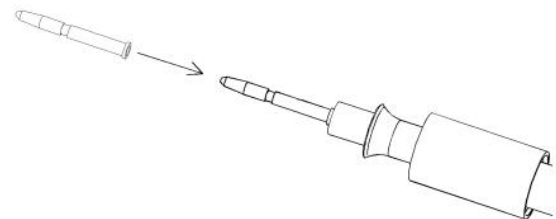
- (1) Put the coaxial cable through the boot and insert the crimp ferrule



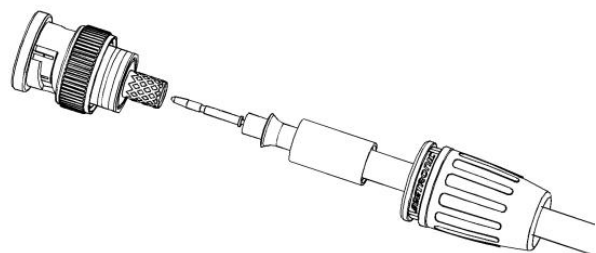
- (2) Strip the cable in the size as shown



- (3) Insert the pin into the center conductor of the coaxial cable. The tail of the pin should be fixed on the plane of the internal insulation layer of the coaxial cable. Use a crimping tool to compress the pin in the center conductor



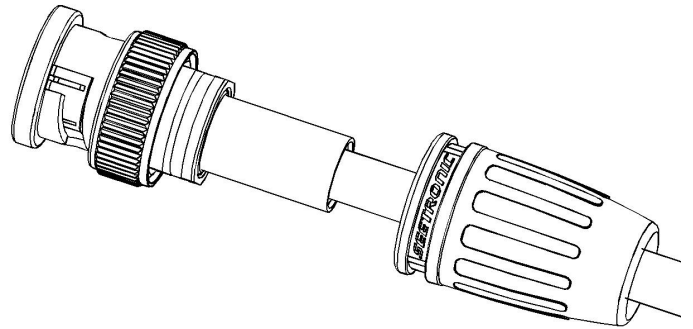
- (4) Thread the coaxial cable forward into the BNC male plug after pressing the pin firmly



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Assembly Instructions

- (5) After pushing the crimp ferrule forward to the BNC connector end, use the crimp tool to press the hexagonal shape of the crimp ferrule firmly



- (6) Push the boot assembly forward, buckle into the BNC male connector and the assembly is completed

