



Compression BNC Connector Series



Description

This compression BNC connector series is a well proven design that secure the cable to the connector in a 360° compressed plastic sleeve.

- 1-piece design, simplify termination time.
- Assist-Pin for easy insertion and guide through. Pin will be fully flush with the connector when fully inserted.
- Double rubber O-ring to prevent moisture migration.
- Weather resistant Nickle-Tin Plated Brass body.
- UV resistant plastic sleeve.
- Excellent return loss of 29.3~43dB @ 1GHz*
- Cable retention exceeds 18kg(40lb) minimum as specified by the SCTE

Part Number	Description	Center conductor size (mm)	Post I.D. (dielectric with shield) (mm)	Sleeve I.D. (outer jacket) (mm)	Sleeve Colour	Tool
3CN-CBSNS0-RG59	RG59 Compression BNC Connector	-	3.66 - 3.99	5.89 - 6.93	Red	CBJ561 / CJR561
3CN-CBSNS0-RG06	RG6 Compression BNC Connector	-	4.57 - 4.90	6.73 - 7.75	Green	CBJ561 / CJR561
3CN-CBSNS0-RG11	RG11 Compression BNC Connector	1.61 - 1.64	7.11 - 7.47	9.91 - 10.59	Black	CBJ561

		
302-CBJ561-0000 Compression tool for SNS Series	302-CJR561-0000 Compression tool for SNS Series	302-CSP561-J000 Coax Cable Stripper for RG59/6/7/11



Physical Properties

Nut : Brass with Nickel Tin Plated
Collar : Brass with Nickel Tin Plated
Post : Brass with Tin Plated
O-Rings : Ethylene Propylene Rubber

Electrical Properties

Insertion Loss : ≤ 0.18 dB (up to 1GHz Typical)

RFI Shielding : -85 dB (up to 1GHz Typical)

Return Loss (min)

Freq (MHz)	5 - 500	500 - 1000	1000 - 1750	1750 - 2000	2000 - 2400	2400 - 2610	2610 - 3000
3CN-CBSNS0-RG59	43 dB	43 dB	43 dB	43 dB	42 dB	42 dB	40 dB
3CN-CBSNS0-RG06	33 dB	32 dB	29 dB	29 dB	28 dB	27 dB	27 dB
3CN-CBSNS0-RG11	29 dB	27 dB	25 dB	24 dB	23 dB	23 dB	22 dB

Mechanical Properties

Cable Insertion Force : < 9 kg (20 lbs)

Cable Retention : 18 kg (40 lbs) minimum. Complies to SCTE IPS-SP-401

3CN-CBSNS0-RG59	21.0 kg (46.3 lbs)
3CN-CBSNS0-RG06	26.5 kg (58.4 lbs)
3CN-CBSNS0-RG11	51.5 kg (113.4 lbs)

Environmental Properties

Operation Temperature : -40°C to 60°C (-40°F to 140°F)

Moisture Migration : Complies to ANSI/SCTE 60 2004