



# ATALOG

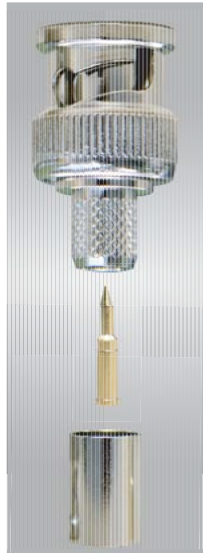
COAXIAL CABLE



# COAXIAL CONNECTOR

## BNC CONNECTOR

LINK BNC connector is military grade. LINK BNC connector to meet the needs for higher performance impedance – matched cable interconnections. Designed for the most popular cable used in communication, broadcast, CCTV applications. Nickel plated body for enhanced corrosion resistance.



BODY

CENTER PIN

FERRULE

CRIMP TYPE



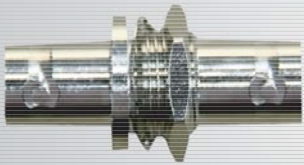
COMPRESSION TYPE

BODY	: BRASS with NICKEL PLATING
CENTER PIN	: BRASS with GOLD PLATING
FERRULE	: BRASS with NICKEL PLATING

PART NO.	DESCRIPTION
UC-0002	BNC PLUG RG58, MALE, CRIMP TYPE
UC-0004	BNC PLUG RG59, MALE, CRIMP TYPE
UC-0026	BNC PLUG RG6, MALE, CRIMP TYPE
UC-0028	BNC PLUG RG11, MALE, CRIMP TYPE
UC-0056	BNC PLUG RG6, MALE, COMPRESSION TYPE

## BNC BULK HEAD SPLICE, FEMALE TO FEMALE

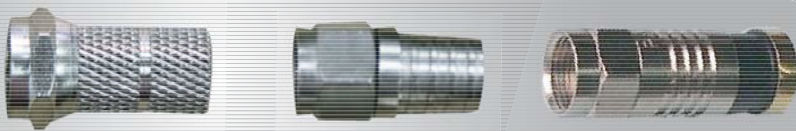
LINK BNC bulk head splice is military grade. Design for panel mounting and ideal to extend cable runs with two female BNC connectors. Complete with nut and lockwasher mounting hardware. Nickel plated body for enhanced corrosion resistance.



PART NO.	DESCRIPTION
UC-0010	BNC BULK HEAD SPLICE, FEMALE to FEMALE

## F-TYPE CONNECTOR

LINK F-TYPE connector is military grade. Design twist and crimp type a quick and economical for termination. Nickel plated body for enhanced corrosion resistance.



TWIST TYPE

CRIMP TYPE

COMPRESSION TYPE

PART NO.	DESCRIPTION
UC-0052	F-TYPE RG59, MALE, TWIST TYPE
UC-0054	F-TYPE RG59, MALE, CRIMP TYPE
UC-0062	F-TYPE RG6, MALE, CRIMP TYPE
UC-0064	F-TYPE RG6, MALE, TWIST TYPE
UC-0066	F-TYPE RG6, MALE, COMPRESSION TYPE

# RG6 COAXIAL CABLE

## MIL GRADE

### SHIELD 95%



PART NUMBER	CB-0108	CB-0108P	CB-0108M
CONDUCTOR	Bare Copper	Bare Copper	Bare Copper
DIAMETER	1.02 mm (18AWG)	1.02 mm (18AWG)	1.02 mm (18AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	4.80 mm	4.80 mm	4.80 mm
SHIELDS TAPE	AL/P-Foil	AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)	(Bonded)	(Bonded)
BRAID WIRE	Bare Copper	Bare Copper	Bare Copper
	0.12 mm x 168 wire	0.12 mm x 168 wire	0.12 mm x 168 wire
COVERAGE	95%	95%	95%
JACKET	Black PVC	Black PE	Black PE
DIAMETER	6.80 mm	6.80 mm	6.80 mm (9.10 mm with Messenger)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.3 mm PE 2.30 mm
SCREENING	1-1000 MHz	1-1000 MHz	1-1000 MHz
FACTOR AT	> 55 dB	> 55 dB	> 55 dB

### APPLICATION

### CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission

Frequency	Attenuation	Return Loss	
MHz	dB/100m	5 - 470 MHz	>20.00 dB
1	0.62	470 - 1000 MHz	>18.00 dB
5	1.21	<b>Impedance</b>	75 Ohm
10	2.14	<b>Capacitance</b>	52 pF ± 3 /m
50	4.15	<b>Velocity Ratio</b>	82%
100	6.50	<b>DCR Inner Conductor</b>	22 Ohm/km
200	9.50	<b>DCR Shields</b>	6.6 Ohm/km
300	11.30	<b>Minimum Bending Radius</b>	
400	13.10	Loaded	10 x Cable OD
460	15.00	Unloaded	4 x Cable OD
700	17.20	<b>Tensile Strength</b>	
870	19.50	Maximum Pulling Tension	470 N
1000	21.30	<b>Temperature</b>	
1750	29.00	Storage/Operation	-20 °C to 75 °C
2000	32.00	Installation	0 °C to 60 °C
2500	35.10	<b>Jacket Sparker</b>	4000 VAC
3000	39.00	<b>Dielectric Strength</b>	2500 VAC

# RG6 COAXIAL CABLE GENERAL GRADE SHIELD 95%



PART NUMBER	CB-0109S	CB-0109SP	CB-0109SM
CONDUCTOR	Copper Covered Steel	Copper Covered Steel	Copper Covered Steel
DIAMETER	1.02 mm (18AWG)	1.02 mm (18AWG)	1.02 mm (18AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	4.57 mm	4.57 mm	4.57 mm
SHIELDS TAPE	AL/P-Foil	AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)	(Bonded)	(Bonded)
BRAID WIRE	Aluminum	Aluminum	Aluminum
DIAMETER	0.16 mm x 112 wire	0.16 mm x 112 wire	0.16 mm x 112 wire
COVERAGE	95%	95%	95%
JACKET	Black PVC	Black PE	Black PE
DIAMETER	6.86 mm	6.86 mm	6.86 mm (9.16 mm with Messenger)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.3 mm PE 2,30 mm
SCREENING	VHF 80 dB	VHF 80 dB	VHF 80 dB
FACTOR AT	UHF 75 dB	UHF 75 dB	UHF 75 dB

## APPLICATION

## CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission

Frequency	Attenuation	Return Loss	
MHz	dB/100m		
1	1.00	5 – 470 MHz	>25.00 dB
5	1.60	470 – 1000 MHz	>23.00 dB
10	2.30	1000 – 2000 MHz	>20.00 dB
50	4.60	<b>Impedance</b>	75 Ohm
100	6.50	<b>Capacitance</b>	52 pF ± 3 /m
200	9.50	<b>Velocity Ratio</b>	82%
300	11.30	<b>DCR Inner Conductor</b>	98 Ohm/km
400	13.10	<b>DCR Shields</b>	27.5 Ohm/km
460	15.00	<b>Minimum Bending Radius</b>	
700	17.20	Loaded	10 x Cable OD
870	19.50	Unloaded	4 x Cable OD
1000	21.30	<b>Tensile Strength</b>	
1750	29.00	Maximum Pulling Tension	470 N
2000	32.00	<b>Temperature</b>	
2500	35.10	Storage/Operation	-20 °C to 75 °C
3000	39.00	Installation	0 °C to 60 °C
		<b>Jacket Sparker</b>	4000 VAC
		<b>Dielectric Strength</b>	2500 VAC



# RG6 COAXIAL CABLE GENERAL GRADE SHIELD 60%



PART NUMBER	CB-0109	CB-0109P	CB-0109M
CONDUCTOR	Copper Covered Steel	Copper Covered Steel	Copper Covered Steel
DIAMETER	1.02 mm (18AWG)	1.02 mm (18AWG)	1.02 mm (18AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	4.57 mm	4.57 mm	4.57 mm
SHIELDS TAPE	AL/P-Foil	AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)	(Bonded)	(Bonded)
BRAID WIRE	Aluminum	Aluminum	Aluminum
DIAMETER	0.16 mm x 64 wire	0.16 mm x 64 wire	0.16 mm x 64 wire
COVERAGE	60%	60%	60%
JACKET	White PVC	Black PE	Black PE
DIAMETER	6.86 mm	6.86 mm	6.86 mm (9.16 mm with Messenger)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.3 mm PE 2.30 mm
SCREENING	VHF 80 dB	VHF 80 dB	VHF 80 dB
FACTOR AT	UHF 75 dB	UHF 75 dB	UHF 75 dB

## APPLICATION

## CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission

Frequency	Attenuation	Return Loss	
MHz	dB/100m		
1	1.00	5 – 470 MHz	>25.00 dB
5	1.60	470 – 1000 MHz	>23.00 dB
10	2.30	1000 – 2000 MHz	>20.00 dB
50	4.60	<b>Impedance</b>	75 Ohm
100	6.50	<b>Capacitance</b>	52 pF ± 3 /m
200	9.50	<b>Velocity Ratio</b>	82%
300	11.30	<b>DCR Inner Conductor</b>	98 Ohm/km
400	13.10	<b>DCR Shields</b>	32 Ohm/km
460	15.00	<b>Minimum Bending Radius</b>	
700	17.20	Loaded	10 x Cable OD
870	19.50	Unloaded	4 x Cable OD
1000	21.30	<b>Tensile Strength</b>	
1750	29.00	Maximum Pulling Tension	470 N
2000	32.00	<b>Temperature</b>	
2500	35.10	Storage/Operation	-20 °C to 75 °C
3000	39.00	Installation	0 °C to 60 °C
		<b>Jacket Sparker</b>	4000 VAC
		<b>Dielectric Strength</b>	2500 VAC

# RG6 COAXIAL CABLE GENERAL GRADE With POWER WIRE



PART NUMBER	CB-0109SW	CB-0109SPW
CONDUCTOR	Copper Covered Steel	Copper Covered Steel
DIAMETER	1.02 mm (18AWG)	1.02 mm (18AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	4.57 mm	4.57 mm
SHIELDS TAPE	AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)	(Bonded)
BRAID WIRE	Aluminum	Aluminum
DIAMETER	0.16 mm x 112 wire	0.16 mm x 112 wire
COVERAGE	95%	95%
JACKET	Black PVC	Black PE
DIAMETER	6.86 mm (11.56 mm with Power Wire)	6.86 mm (11.56 mm with Power Wire)
POWER WIRE	Stranded Bare Copper 2 x 1.02 mm (18AWG)	Stranded Bare Copper 2 x 1.02 mm (18AWG)
SCREENING	VHF 80 dB	VHF 80 dB
FACTOR AT	UHF 75 dB	UHF 75 dB

## APPLICATION

## CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission

Frequency MHz	Attenuation dB/100m	Return Loss	
1	1.00	5 – 470 MHz	>25.00 dB
5	1.60	470 – 1000 MHz	>23.00 dB
10	2.30	1000 – 2000 MHz	>20.00 dB
50	4.60	<b>Impedance</b>	75 Ohm
100	6.50	<b>Capacitance</b>	52 pF ± 3 /m
200	9.50	<b>Velocity Ratio</b>	82%
300	11.30	<b>DCR Inner Conductor</b>	98 Ohm/km
400	13.10	<b>DCR Shields</b>	27.5 Ohm/km
460	15.00	<b>Minimum Bending Radius</b>	
700	17.20	Loaded	10 x Cable OD
870	19.50	Unloaded	4 x Cable OD
1000	21.30	<b>Tensile Strength</b>	
1750	29.00	Maximum Pulling Tension	470 N
2000	32.00	<b>Temperature</b>	
2500	35.10	Storage/Operation	-20 °C to 75 °C
3000	39.00	Installation	0 °C to 60 °C
		<b>Jacket Sparker</b>	4000 VAC
		<b>Dielectric Strength</b>	2500 VAC

# RG11 COAXIAL CABLE

## MIL GRADE

### SHIELD 93%



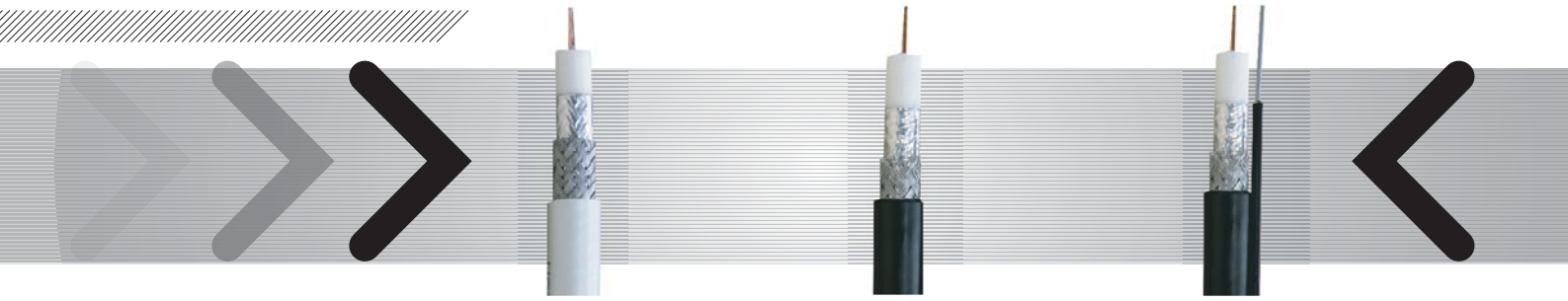
PART NUMBER	CB-0110	CB-0110P	CB-0110M
CONDUCTOR	Bare Copper	Bare Copper	Bare Copper
DIAMETER	1.63 mm (14AWG)	1.63 mm (14AWG)	1.63 mm (14AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	7.10 mm	7.10 mm	7.10 mm
BRAID WIRE	Bare Copper	Bare Copper	Bare Copper
DIAMETER	0.16 mm x 192 wire	0.16 mm x 192 wire	0.16 mm x 192 wire
COVERAGE	93%	93%	93%
JACKET	Black PVC	Black PE	Black PE
DIAMETER	10.03 mm	10.03 mm	10.03 mm (13.50 mm with Messenger)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.83 mm PE 3.47 mm
SCREENING	1-1000 MHz	1-1000 MHz	1-1000 MHz
FACTOR AT	> 55 dB	> 55 dB	> 55 dB

### APPLICATION

### CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission

Frequency MHz	Attenuation dB/100m	Return Loss	
1	0.66	5 - 470 MHz	>20.00 dB
5	1.15	470 - 1000 MHz	>18.00 dB
10	1.38	<b>Impedance</b>	75 Ohm
50	2.95	<b>Capacitance</b>	52 pF ± 3 /m
100	3.05	<b>Velocity Ratio</b>	82%
200	5.53	<b>DCR Inner Conductor</b>	8.5 Ohm/km
300	7.38	<b>DCR Shields</b>	5.5 Ohm/km
400	8.23	<b>Minimum Bending Radius</b>	
460	8.98	Loaded	10 x Cable OD
700	11.50	Unloaded	4 x Cable OD
870	13.00	<b>Tensile Strength</b>	
1000	14.22	Maximum Pulling Tension	712 N
1750	18.70	<b>Temperature</b>	
2000	19.87	Storage/Operation	-20 °C to 75 °C
2500	21.54	Installation	0 °C to 75 °C
3000	29.97	<b>Jacket Sparker</b>	4000 VAC
		<b>Dielectric Strength</b>	2500 VAC

# RG11 COAXIAL CABLE GENERAL GRADE SHIELD 90%



PART NUMBER	CB-0111	CB-0111P	CB-0111M
CONDUCTOR	Copper Covered Steel	Copper Covered Steel	Copper Covered Steel
DIAMETER	1.63 mm (14AWG)	1.63 mm (14AWG)	1.63 mm (14AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	7.10 mm	7.10 mm	7.10 mm
SHIELDS TAPE	AL/P-Foil	AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)	(Bonded)	(Bonded)
BRAID WIRE	Aluminum	Aluminum	Aluminum
DIAMETER	0.16 mm x 168 wire	0.16 mm x 168 wire	0.16 mm x 168 wire
COVERAGE	90%	90%	90%
JACKET	White PVC	Black PE	Black PE
DIAMETER	10.03 mm	10.03 mm	10.03 mm (13.5 mm with Messenger)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.83 mm PE 3.47 mm
SCREENING	VHF 80 dB	VHF 80 dB	VHF 80 dB
FACTOR AT	UHF 75 dB	UHF 75 dB	UHF 75 dB

## APPLICATION

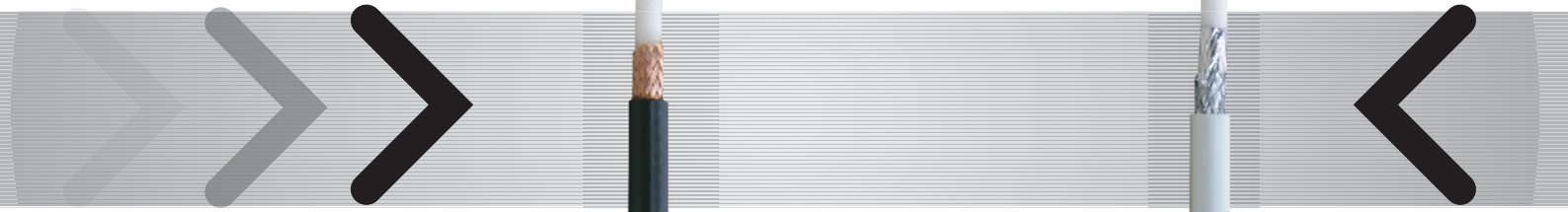
## CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission

Frequency MHz	Attenuation dB/100m	Return Loss	
1	0.66	5 – 470 MHz	>25.00 dB
5	1.25	470 – 1000 MHz	>23.00 dB
10	1.48	1000 – 2000 MHz	>20.00 dB
50	3.11	<b>Impedance</b>	75 Ohm
100	3.05	<b>Capacitance</b>	52 pF ± 3 /m
200	5.53	<b>Velocity Ratio</b>	82%
300	7.38	<b>DCR Inner Conductor</b>	39.4 Ohm/km
400	8.23	<b>DCR Shields</b>	16.5 Ohm/km
460	8.98	<b>Minimum Bending Radius</b>	
700	11.50	Loaded	10 x Cable OD
870	13.00	Unloaded	4 x Cable OD
1000	14.22	<b>Tensile Strength</b>	
1750	18.70	Maximum Pulling Tension	712 N
2000	19.87	<b>Temperature</b>	
2500	21.54	Storage/Operation	-20 °C to 75 °C
3000	29.97	Installation	0 °C to 60 °C
		<b>Jacket Sparker</b>	4000 VAC
		<b>Dielectric Strength</b>	2500 VAC





# RG59 COAXIAL CABLE



PART NUMBER	CB-0104 (MIL Grade)	CB-0105 (General Grade)
CONDUCTOR	Bare Copper	Copper Covered Steel
DIAMETER	0.813 mm (20AWG)	0.813 mm (20AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	3.80 mm	3.66 mm
SHIELDS TAPE	NA	AL/P-Foil
100% COVERAGE		(Bonded)
BRAID WIRE	Bare Copper	Aluminum
DIAMETER	0.11 mm x 144 wire	0.12 mm x 128 wire
COVERAGE	95%	90%
JACKET	Black PVC	White PVC
DIAMETER	6.00 mm	6.10 mm
SCREENING	1 - 1000MHz	VHF 80 dB
FACTOR AT	55 dB	UHF 75 dB
DCR Inner Conductor	33 Ohm/km	154 Ohm/km
DCR Shields	8.9 Ohm/km	34.5 Ohm/km

## APPLICATION

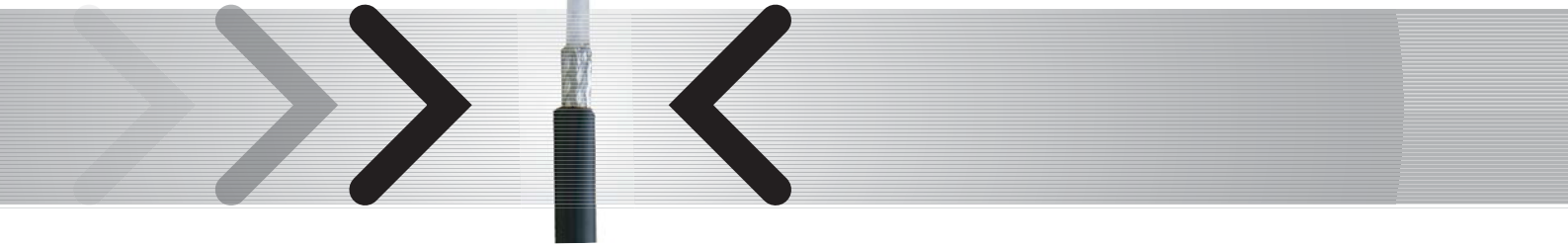
## CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission

Frequency MHz	CB-0104 CB-0105		Return Loss	CB-0104	CB-0105
	Attenuation dB/100m				
			5 - 470 MHz	>20.00 dB	>25.00 dB
1	0.78	1.52	470 - 1000 MHz	>18.00 dB	>23.00 dB
5	2.08	2.82	1000 - 2000 MHz	-	>20.00 dB
10	2.67	2.71	<b>Impedance</b>	75 Ohm	
50	5.58	5.78	<b>Capacitance</b>	52 pF ± 3 /m	
100	7.78	7.78	<b>Velocity Ratio</b>	82%	
200	10.80	10.80	<b>Minimum Bending Radius</b>		
300	14.60	14.60	Loaded	10 x Cable OD	
400	16.73	16.73	Unloaded	4 x Cable OD	
460	17.72	17.72	<b>Tensile Strength</b>		
700	22.57	22.57	Maximum Pulling Tension	372 N	
870	24.67	24.67	<b>Temperature</b>		
1000	26.64	26.64	Storage/Operation	-20 °C to 75 °C	
1750	38.00	38.00	Installation	0 °C to 60 °C	
2000	39.00	39.00	<b>Jacket Sparker</b>	4000 VAC	
2500	43.10	43.10	<b>Dielectric Strength</b>	2500 VAC	
3000	47.30	47.30			





# RG58 COAXIAL CABLE, SHIELD 95%



PART NUMBER	CB-0102
CONDUCTOR	Tinned Copper
DIAMETER	0,18 mm x 19 Wire (20AWG)
DIELECTRIC	Solid Polyethylene
DIAMETER	2,95 mm
BRAID WIRE	Tinned Copper
DIAMETER	0,11 mm x 144 wire
COVERAGE	95%
JACKET	Black PVC
DIAMETER	4,95 mm
SCREENING	1 – 1000MHz
FACTOR AT	55 dB

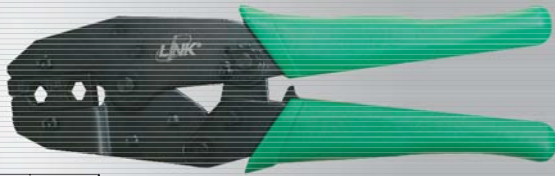
## APPLICATION

## LAN & Data transmission, RF Signal Transmission

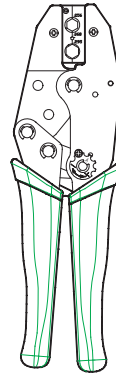
Frequency MHz	Attenuation dB/100m	Return Loss	
1	2.11	5 – 470 MHz	>20,00 dB
5	3.51	470 – 1000 MHz	>18,00 dB
10	5.08	<b>Impedance</b>	50 Ohm
50	14.91	<b>Capacitance</b>	100 pF/m
100	16.08	<b>Velocity Ratio</b>	66%
200	29.81	<b>DCR Inner Conductor</b>	33.3 Ohm/km
300	33.14	<b>DCR Shields</b>	13.5 Ohm/km
400	37.73	<b>Minimum Bending Radius</b>	
460	40.18	Loaded	10 x Cable OD
700	55.73	Unloaded	4 x Cable OD
870	65.23	<b>Tensile Strength</b>	
1000	70.52	Maximum Pulling Tension	245 N
		<b>Temperature</b>	
		Storage/Operation	-20 °C to 75 °C
		Installation	0 °C to 60 °C
		<b>Jacket Sparker</b>	4000 VAC
		<b>Dielectric Strength</b>	2500 VAC

# CRIMP TOOL

## UC-8116 CRIMP TOOL for BNC RG59, RG6



	.256"	.068"	.295"
	6.50mm	1.73mm	7.49mm



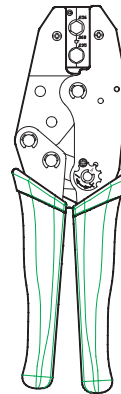
### SPECIFICATION

Length : 8.7" (220mm)  
 Weight : 500g  
 Material  
 Frame : Middle Carbon Steel  
 Handle : PE GRIP  
 Color  
 Frame : Black with LINK LOGO  
 Handle : Green

## UC-8118 CRIMP TOOL for BNC RG58, RG59 & F Type RG59, RG6



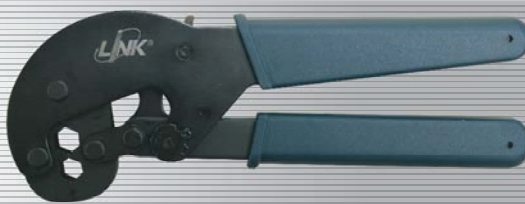
	.213"	.256"	.068"	.324"
	5.41mm	6.50mm	1.72mm	8.23mm



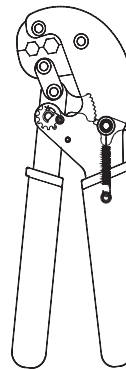
### SPECIFICATION

Length : 8.7" (220mm)  
 Weight : 500g  
 Material  
 Frame : Middle Carbon Steel  
 Handle : PE GRIP  
 Color  
 Frame : Black with LINK LOGO  
 Handle : Blue

## UC-8121 CRIMP TOOL for BNC RG11



	.100"	.359"	.406"
	2.54mm	9.12mm	10.30mm



### SPECIFICATION

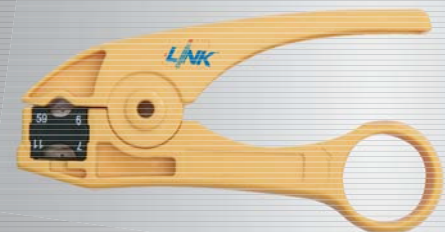
Length : 9" (229mm)  
 Weight : 700g  
 Material  
 Frame : Middle Carbon Steel  
 Handle : PE GRIP  
 Color  
 Frame : Black with LINK LOGO  
 Handle : Dark Blue

## UC-8146 COMPRESSION TOOL for RG6 : F-Type&BNC&RCA



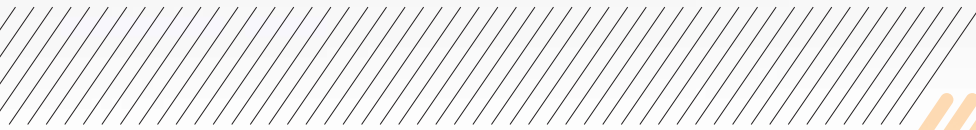
COMPRESSION TOOL

## UC-8145 STRIPPING TOOL for RG59, RG6, RG11



STRIPPING TOOL





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