

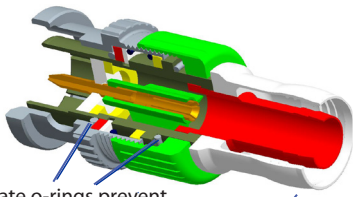
PB462

**Belden Double Bubble™  
Compression System**

Belden offers a fully integrated compression tool and connector system to ensure a secure, permanent connection for most popular coaxial cables.



**Create a superior quality installation with TRUE 360° Double Bubble compression technology**



Two separate o-rings prevent moisture from entering the connector

360° radial compression forms an environmental seal around the cable



**Double Bubble Compression Connectors**

- RG6 and RG59 universal connectors for standard through quad-shield cable
- The permanent 360° water-tight seal on the cable provides superior pull-out strength reducing signal ingress and egress
- One-piece design eliminates loose pins and sleeves minimizing installation time
- Non-blind entry sets the pin at the back of the connector making insertion of the cable easier

**Plenum Compression Connectors**

- F, RCA and BNC for RG6 and RG59 Plenum cables
- Custom designed connectors provide an easy to install, precise fit on a variety of plenum cable types

**Security (CCTV) Compression Connectors**

- RCA and BNC for Security (CCTV) RG59 cables
- Security connectors are designed for CCTV coaxial cable with copper braiding and a solid copper center conductor
- For ease of installation use the Cable Pro FIT-6 or FIT-59 Insertion tool

**High-Def BNC Compression Connectors**

- Combined patented technologies (PTFE Insulator) with a proprietary manufacturing process to ensure a superior quality signal

**RGB/Mini Coax Compression Connectors**

- RCA and BNC connectors
- RGB/Mini coaxial connectors are available in two sizes
  - RG15 (22-24AWG), purple
  - RG1 (24-26AWG), orange

**Cable Pro Compression Tool**

- System creates two 360° points of compression on the cable to provide a permanently sealed Double Bubble compression
- Works exclusively with Belden's F-Conn DB™ compression connector series
- Made from heat treated high carbon steel for maximum strength and durability
- Fixed compression dies inside the tool and the self-adjusting plunger head provide consistent compression without having to recalibrate after each use
- Tool is designed as a one-step, one-tool system

**Double Bubble Kits**

- DBSTARTERKIT features a quick-start solution to the Double Bubble system that includes Cable Pro tools, a variety of F-Conn DB connectors and accessories
- DBPSAKIT features the Double Bubble compression tool and PSA59/6 cable strip tool in one kit



Double Bubble Radial Bubble Compression Tool

## Cable Pro Double Bubble Compression Tool

Part Number	Description
<b>CPLCRBC-B</b>	Double Bubble Radial Bubble Compression Tool
<b>LMTIP-S</b>	Silver Adapter Tip for Silver/Nickel Connectors
<b>RBCTIP-UHF</b>	Adapter Tip for DB 50 Ohm Connectors
<b>LMTIP-HOLDER</b>	Holder for Adapter Tips



Double Bubble Compression Connectors

## Double Bubble Universal Compression Connectors

Part Number	Description	Tip Required	Tool Required
<b>DB6U</b>	RG6 F-Type Connector	LMTIP-S	CPLCRBC-B
<b>DB6BNCU</b>	RG6 BNC Connector	NONE	CPLCRBC-B
<b>DB6RCAU</b>	RG6 RCA Connector	LMTIP-S	CPLCRBC-B
<b>DB59U</b>	RG59 F-Type Connector	LMTIP-S	CPLCRBC-B
<b>DB59BNCU</b>	RG59 BNC Connector	NONE	CPLCRBC-B
<b>DB59RCAU</b>	RG59 RCA Connector	LMTIP-WP	CPLCRBC-B



Plenum and Security (CCTV) Compression Connectors

## Plenum and Security (CCTV) Compression Connectors

Part Number	Description	Tip Required	Tool Required
<b>DB6PL2</b>	RG6 F-Type Plenum Size 2 Connector	LMTIP-S	CPLCRBC-B
<b>DB6BNCPL2</b>	RG6 BNC Plenum Size 2 Connector	NONE	CPLCRBC-B
<b>DB6RCAPL2</b>	RG6 RCA Plenum Size 2 Connector	LMTIP-S	CPLCRBC-B
<b>DB59PL2/4</b>	RG59 F-Type Plenum Size 2/4 Connector	LMTIP-S	CPLCRBC-B
<b>DB59BNCPL2/4</b>	RG59 BNC Plenum Size 2/4 Connector	NONE	CPLCRBC-B
<b>DB59BNCPL3</b>	RG59 BNC Plenum Size 3 Connector	NONE	CPLCRBC-B
<b>DB59RCAPL2/3/4</b>	RG59 RCA Plenum Size 2/3/4 Connector	LMTIP-S	CPLCRBC-B
<b>DB59BNC SL</b>	RG59 BNC Security (CCTV) Connector	NONE	CPLCRBC-B
<b>DB59RCASL</b>	RG59 RCA Security (CCTV) Connector	LMTIP-S	CPLCRBC-B



High-Def BNC Compression Connectors

## High-Def BNC Compression Connectors

Part Number	Description	Tip Required	Tool Required
<b>DB6BNCHD</b>	BNC, 1-Piece Compression Connector with PTFE Insulator	-	CPLCRBC-B
<b>DB59BNCHD</b>	BNC, 1-Piece Compression Connector with PTFE Insulator	-	CPLCRBC-B
<b>DB15BNCHD</b>	BNC, 1-Piece Compression Connector with PTFE Insulator for 22-24AWG cable	-	CPLCRBC-B
<b>DB1BNCHD</b>	BNC, 1-Piece Compression Connector with PTFE Insulator for 24-26AWG cable	-	CPLCRBC-B



RGB/Mini Coax Compression Connectors

### RGB/Mini Coax Compression Connectors

Part Number	Description	Tip Required	Tool Required
<b>DB1BNC</b>	RGB/Mini Coax (24-26AWG) BNC Connector	NONE	CPLCRBC-B
<b>DB1RCA</b>	RGB/Mini Coax (24-26AWG) RCA Connector	LMTIP-S	CPLCRBC-B
<b>DB15RCA</b>	RGB/Mini Coax (22-24AWG) RCA Connector	LMTIP-S	CPLCRBC-B



DS3 and DS4 Compression Connectors

### DS3 and DS4 Compression Connectors

DS3 and DS4 connectors are a highly secure, dependable broadband connector solution that exceeds performance and signal quality standards

Part Number	Description	Tip Required	Tool Required	Belden Cable
<b>DBDS3BNC</b>	BNC Connector for 735 Cable	NONE	CPLCRBC-B	735A*
<b>DBDS4BNC</b>	BNC Connector for 734 Cable	NONE	CPLCRBC-B	734D1, 734D1T
<b>DBDS4BNCPL</b>	BNC Connector for 734 Plenum Cable	NONE	CPLCRBC-B	734A1P



50 Ohm Compression Connectors

### 50 Ohm Compression Connectors

Compression is easier and more reliable than a crimp-on or soldered connector

Part Number	Description	Tip Required	Tool Required	Belden Cable
<b>DB58BNC</b>	BNC 50 Ohm Connector	NONE	CPLCRBC-B	8240
<b>DB58UHF</b>	F-type 50 Ohm Connector	RBCTIP-UHF	CPLCRBC-B	8240



Double Bubble Starter Kit and Tech Express Tool Kit

### Double Bubble Kits

Part Number	Description
<b>DBSTARTERKIT</b>	Includes Cable Pro Cable Strip Tool, Compression Tool and a variety of DB Connectors
<b>DBPSAKIT</b>	Includes Cable Pro Cable PSA59/6 Strip Tool and CPLCRBC-B Compression Tool



## Belden Cable to Double Bubble Connector Cross Reference Chart

### Double Bubble Compression Connectors

Part Number	Cable Description	F Connector	RCA Connector	BNC Connector	Part Number	Cable Description	F Connector	RCA Connector	BNC Connector
<b>Analog Video Cable</b>					<b>Analog Video Cable</b>				
8212	RG 59 BC Braid	-	DB59RCASL	DB59BNC SL	82241	RG 59 CMP BC Braid	-	DB59RCAPL3	DB59BNCPL3
8218	70 Ohm Mini Coax 27 AWG TC Braid	-	DB15RCA	DB15NCHD	82248	RG 6 CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNCPL2
8221	RG 59 BC Braid Outdoor	DB59U	DB59RCAU	DB59BNCU	82259	RG 59 CMP BC Braid	DB59PL2	DB59RCAPL2	DB59BNCPL2
8241	RG 59 CM BC Braid	-	-	DB59BNCBU	88241	RG 59 CMP BC Braid	-	DB59RCAPL3	DB59BNCPL3
8263	RG 59 CMX BC Braid	DB59U	DB59RCAU	DB59BNCU	89248	RG 6 CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNCPL2
9240	RG 59 BC Braid	-	DB59RCASL	DB59BNC SL	1281R	25AWG Mini CMR Duobond	-	DB1RCA	DB1BNC HD
9244	RG 59 CMX BC Braid	DB59U	DB59RCAU	DB59BNCU	1426A	RG 59 CM BC Braid	-	DB59RCASL	DB59BNC SL
9248	RG 6 CM Duofoil	DB6U	DB6RCAU	DB6BNCU	8241A	RG 59 CMG BC Braid	-	-	DB59BNCBU
9259	RG 59 CM BR Braid	DB59U	DB59RCAU	DB59BNCU	8241F	RG 59 BC Braid	-	-	DB59BNCBU
9290	RG 6 CM 2 BC Braids	DB6U	-	-					
<b>CATV Cable</b>					<b>CATV Cable</b>				
9058	RG 6 CATV, CM Duobond Plus 77%	DB6U	DB6RCAU	DB6BNCU	1190A	RG 6 Duobond IV 60% + 40%	DB6U	DB6RCAU	DB6BNCU
9062	RG 6 Duobond Plus, 77%	DB6U	DB6RCAU	DB6BNCU	1505F	RG 59 CM TC Double Braid	DB59U	DB59RCAU	DB59BNCU
9066	RG 6 Duobond II 60%	DB6U	DB6RCAU	DB6BNCU	1530A	RG 6 CATV - CM Duobond II 90%	DB6U	DB6RCAU	DB6BNCU
9077	RG 6 CATV - CM pair Duobond II 60%	DB6U	DB6RCAU	DB6BNCU	1530AP	RG 6 CATVP - CMP Duobond II	DB6PL2	DB6RCAPL2	DB6BNCPL2
9104	RG 59 CATV - CM	DB59U	DB59RCAU	DB59BNCU	1532A	RG 6 Duobond II 90%	DB6U	DB6RCAU	DB6BNCU
9110	RG 59 CATV - CM Duobond III	DB59U	DB59RCAU	DB59BNCU	1613A	RG 6 CATV, CM Duobond III 77%	DB6U	DB6RCAU	DB6BNCU
9116	RG 6 CATV - CM Duobond II 50%	DB6U	DB6RCAU	DB6BNCU	1614A	RG 6 Duobond III 77%	DB6U	DB6RCAU	DB6BNCU
9118	RG 6 CATV CM Duobond III 60%	DB6U	DB6RCAU	DB6BNCU	5339B5	RG 6 Duofoil	DB6U	DB6RCAU	DB6BNCU
9167	RG 59 CATV - CMR Duobond Plus	DB59U	DB59RCAU	DB59BNCU	5339G5	RG 6 CATV, CMD Beldfoil 50%	DB6U	DB6RCAU	DB6BNCU
82108	RG 59 CATVP - CMP Duofoil	DB59U	DB59RCAU	DB59BNCU	5399B5	RG 6 Duobond	DB6U	DB6RCAU	DB6BNCU
82120	RG 6 CATV - CMP Duofoil Flamarrest	DB6PL2 DB6U	DB6RCAPL2 DB6RCAU	DB6BNCPL2 DB6BNCU	6339Q8	RG 6 CMP QuadShield	DB6U	DB6RCAU	DB6BNCU
87120	RG 6 CATVP - CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNCPL2	6439B8	RG 59 Duofoil	DB6PL2	DB6RCAPL2	DB6BNCPL2
89108	RG 59 CATVP - CMP Duofoil	DB59PL2/4	DB59RCAPL2/4	DB59BNCPL2/4	6439C8	RG 59 CMP Duofoil	DB59PL2	DB59RCAPL2	DB59BNCPL2
89120	RG 6 CATVP - CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNCPL2	7916AP	RG 6 CATV CMP Duobond IV	DB6U	DB6RCAU	DB6BNCU
633938	RG 6 Duofoil	DB6PL2	DB6RCAPL2	DB6BNCPL2	9104P	RG 59 CATVP - CMP Duobond II	DB59U	DB59RCAU	DB59BNCU
1186A	RG 59 CATV - CM Duobond IV	DB59U	DB59RCAU	DB59BNCU	9116P	RG 6 CATVP - CMP Duobond II	DB6PL2	DB6RCAPL2	DB6BNCPL2
1189A	RG 6 CATV - CM Duobond IV, 60% & 40%	DB6U	DB6RCAU	DB6BNCU	9116R	RG 6 CATVR - CMG Duobond II 60%	DB6U	DB6RCAU	DB6BNCU
1189AP	RG 6 CATV - CMP Duobond IV 60% & 40%	DB6PL2	DB6RCAPL2	DB6BNCPL2					
<b>CCTV Cable</b>					<b>CCTV Cable</b>				
533945	RG 6 CM	DB6U	DB6RCAU	DB6BNCU	643948	RG 59	DB59PL2/4	DB59RCAPL2/4	DB59BNCPL2/4
543945	RG 59 CM	DB59U DB6PL2	DB59RCAU DB6RCAPL2	DB59BNCU DB6BNCPL2	649948	RG 59	DB6PL2 DB59PL2/4	DB6RCAPL2 DB59RCAPL2/4	DB6BNCPL2 DB59BNCPL2/4
573945	RG 59 Mini CM	-	DB15RCA	1855ABHD1	673948	RG 59 Mini	-	DB15RCA	1855ABHD1
633948	RG 6	DB6PL2	DB6RCAPL2	DB6BNCPL2	5339W5	RG 6 Duofoil	DB6U	DB6RCAU	DB6BNCU
639948	RG 6	DB6PL2	DB6RCAPL2	DB6BNCPL2					