

Double Bubble®

Family Product Bulletin



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

Double Bubble® Compression Connectors

Features

- 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 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) 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 Definition BNC Connectors

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

RGB/Mini Coax Connectors

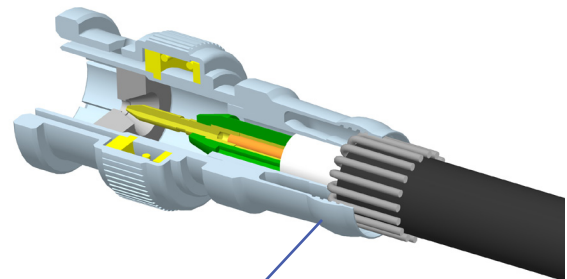
- RCA and BNC connectors
- RGB/Mini coaxial connectors are available in two sizes:
 - RG15 (22-24 AWG), purple
 - RG1 (24-26 AWG), orange

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 PPC's Double Bubble™ 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® Kit

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



360° radial compression forms an environmental seal around the cable



Double Bubble® Radial Bubble Compression Tool

Cable Pro® Double Bubble® Compression Tool

Part Number	Description
CPLCRBC-BR	Double Bubble Radial Bubble Compression Tool
LMTIP-S	Silver Adapter Tip for Silver/Nickel Connectors
RBC TIP-UHF	Adapter Tip for DB58UHF 50 Ohm Connector
LMTIP-HOLDER	Holder for Adapter Tips



Double Bubble® Compression Connectors

Double Bubble® Universal Compression Connectors

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



Plenum and Security (CCTV) Compression Connectors

Plenum and Security (CCTV) Compression Connectors

Part Number	Description	Tip Required	Tool Required
DB6PL2	RG6 F-Type Plenum Size 2 Connector	LMTIP-S	CPLCRBC-B
DB6BNCPL2	RG6 BNC Plenum Size 2 Connector	NONE	CPLCRBC-B
DB6RCAPL2	RG6 RCA Plenum Size 2 Connector	LMTIP-S	CPLCRBC-B
DB59PL2/4	RG59 F-Type Plenum Size 2/4 Connector	LMTIP-S	CPLCRBC-B
DB59BNCPL2/4	RG59 BNC Plenum Size 2/4 Connector	NONE	CPLCRBC-B
DB59BNCPL3	RG59 BNC Plenum Size 3 Connector	NONE	CPLCRBC-B
DB59BNC SL	RG59 BNC Security (CCTV) Connector	NONE	CPLCRBC-B
DB59RCASL	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
DB6BNCHD	BNC, 1-Piece Compression Connector with PTFE Insulator	-	CPLCRBC-B
DB59BNCHD	BNC, 1-Piece Compression Connector with PTFE Insulator	-	CPLCRBC-B
DB15BNCHD	BNC, 1-Piece Compression Connector with PTFE Insulator for 22-24AWG cable	-	CPLCRBC-B
DB1BNCHD	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
DB1BNC	RGB/Mini Coax (24-26AWG) BNC Connector	NONE	CPLCRBC-B
DB1RCA-R*	RGB/Mini Coax (24-26AWG) RCA Connector	LMTIP-S	CPLCRBC-B
DB15RCA-R	RGB/Mini Coax (22-24AWG) RCA Connector	LMTIP-S	CPLCRBC-B

*Mini RCA connectors only available in retail tube packaging ending "-R"



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
DBDS3BNC	BNC Connector for 735 Cable	NONE	CPLCRBC-B	735A*
DBDS4BNC	BNC Connector for 734 Cable	NONE	CPLCRBC-B	734D1, 734D1T
DBDS4BNCPL	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
DB58BNC	BNC 50 Ohm Connector	NONE	CPLCRBC-B	8240
DB58UHF	UHF Antenna 50 Ohm Connector	RBCTIP-UHF	CPLCRBC-B	8240



Double Bubble Starter Kit and Tech Express Tool Kit

Double Bubble® Kits

Part Number	Description
DBSTARTERKIT	Includes Cable Pro® Cable Strip Tool, Compression Tool and a variety of DB Connectors
DBPSAKIT	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
Analog Video Cable					Analog Video Cable				
8212	RG 59 BC Braid	-	DB59RCASL	DB59BNC SL	82241	RG 59 CMP BC Braid	-	-	DB59BNC PL3
8218	70 Ohm Mini Coax 27 AWG TC Braid	-	DB15RCA-R	DB15NCHD	82248	RG 6 CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNC PL2
8221	RG 59 BC Braid Outdoor	DB59U	DB59RCAU	DB59BNCU	82259	RG 59 CMP BC Braid	DB59PL2	DB59RCAPL2	DB59BNC PL2
8241	RG 59 CM BC Braid	-	-	DB59BNCBU	88241	RG 59 CMP BC Braid	-	-	DB59BNC PL3
8263	RG 59 CMX BC Braid	DB59U	DB59RCAU	DB59BNCU	89248	RG 6 CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNC PL2
9240	RG 59 BC Braid	-	DB59RCASL	DB59BNC SL	1281R	25AWG Mini CMR Duobond	-	DB1RCA-R	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	-	-					
CATV Cable					CATV Cable				
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	DB6BNC PL2
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	DB6BNC PL2 DB6BNCU	6339Q8	RG 6 CMP QuadShield	DB6U	DB6RCAU	DB6BNCU
87120	RG 6 CATVP - CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNC PL2	6439B8	RG 59 Duofoil	DB6PL2	DB6RCAPL2	DB6BNC PL2
89108	RG 59 CATVP - CMP Duofoil	DB59PL2/4	DB59RCAPL2/4	DB59BNC PL2/4	6439C8	RG 59 CMP Duofoil	DB59PL2	DB59RCAPL2	DB59BNC PL2
89120	RG 6 CATVP - CMP Duofoil	DB6PL2	DB6RCAPL2	DB6BNC PL2	7916AP	RG 6 CATV CMP Duobond IV	DB6U	DB6RCAU	DB6BNCU
633938	RG 6 Duofoil	DB6PL2	DB6RCAPL2	DB6BNC PL2	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	DB6BNC PL2
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	DB6BNC PL2					
CCTV Cable					CCTV Cable				
533945	RG 6 CM	DB6U	DB6RCAU	DB6BNCU	643948	RG 59 Plenum	DB59PL2/4	DB59RCAPL2/4	DB59BNC PL2/4
543945	RG 59 CM	DB59U	DB59RCAU	DB59BNCU	649948	RG 59 Plenum	DB59PL2/4	DB59RCAPL2/4	DB59BNC PL2/4
573945	RG 59 Mini CM	-	DB15RCA-R	1855ABHD1	673948	RG 59 Mini	DB15	DB15RCA-R	1855ABHD1
633948	RG 6	DB6PL2	DB6RCAPL2	DB6BNC PL2	5339W5	RG 6 Duofoil	DB6U	DB6RCAU	DB6BNCU
639948	RG 6	DB6PL2	DB6RCAPL2	DB6BNC PL2					