

Components – Coaxial Plugs

Description

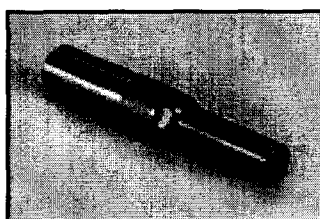
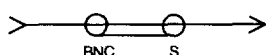
ADC standard and midsize plugs are available in a variety of configurations and are fully compatible with ADC's standard and midsize coaxial jacks (unless otherwise noted).

Standard size plugs are available with .090" (2.29 mm) or .070" (1.78 mm) center conductors. Standard size single plugs are made with standard wrench fittings for easy assembly and include a unique cable strain relief clamp.

Single plugs, terminating plugs with built-in resistor and capacitor and a selection of looping plugs with or without monitoring are available. Plugs will accommodate a variety of cable sizes and may be ordered in gold or nickel plating finishes.

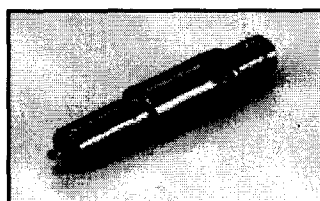
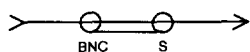
Plugs Standard Size

Conversion Plug CP1051X



Single plug for accessing via a BNC type connector.

Conversion Plug CP1051MX



Single plug for monitoring via BNC type connector. Center pin extends beyond the front barrel of the connector.

Ordering Information

Pin	Catalog Number*
.090" (2.29 mm)	CP1051X
.090" (2.29 mm)	CP1051MX

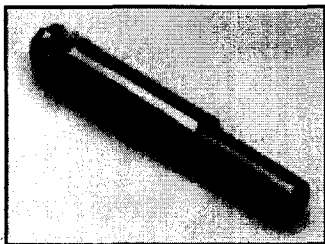
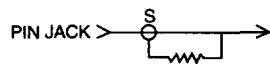
*When ordering, replace X with G (gold plating on all contact surfaces), or N (gold plating only on the center conductor).

Specifications are found on pages 107 and 113. Reference page 49 for specific cable dimensions.

Components – Coaxial Plugs

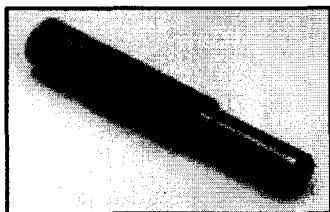
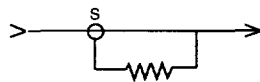
Standard Size

Single Terminating Plug CP1047X



Single terminating plug containing a 75 ohm resistor between outer and center conductor. This plug also features a monitor pin bypassing the resistor to the center conductor.

Single Terminating Plug CP1900



Terminating plug with 75 ohm resistor between the outer and center conductor.

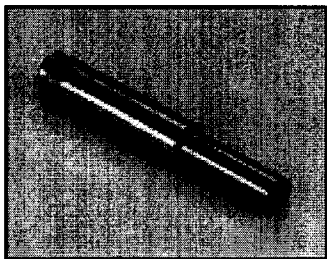
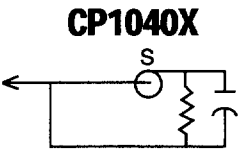
Ordering Information		
Description	Pin	Catalog Number*
Single Terminating Plugs		
75 ohm resistor; monitor pin, bypassing resistor	.090" (2.29 mm)	CP1047X
75 ohm resistor	.090" (2.29 mm)	CP1900

*When ordering, replace X with G (gold plating on all contact surfaces) or G (gold plating only on the center conductor).

Specifications are found on pages 107 and 113.

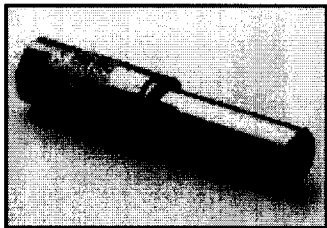
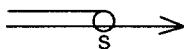
Components – Coaxial Plugs

Single Plugs Standard Size



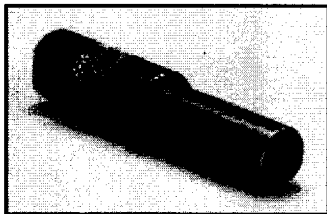
Single plug containing a 30 mm capacitor and a 75 ohm resistor between the outer and center conductor. Similar to WECO 340C plug.

CP1041X
CP1048X
CP1141X



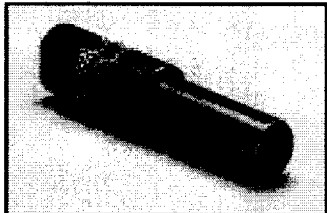
Single plug with a cable jack strain relief and crimp solderless connections. Nickel plated plug jacket has two flats for wrench fitting to attach to the outer conductor. Similar to WECO 358A plug.

PGS-100016



Single plug compatible with 734 cable.

PGS-100017



Single plug compatible with 735A cable.

Ordering Information

Representative Cable Type	Pin	Catalog Number*
----	.090" (2.29 mm)	CP1040X
RG59	.090" (2.29 mm)	CP1041X
8281 (Belden) and 728 (WECO)	.090" (2.29 mm)	CP1048X
RG59	.070" (1.78 mm)	CP1141X
734 cable compatible	.090" (2.29 mm)	PGS-100016
735A cable compatible	.090" (2.29 mm)	PGS-100017

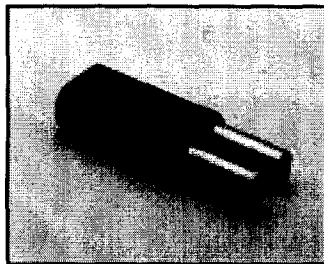
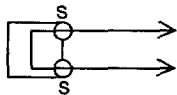
*When ordering, replace X with G (gold plating on all contact surfaces) or N (gold plating only on the center conductor).

Specifications are found on pages 107, 113 and 114.

Components – Coaxial Plugs

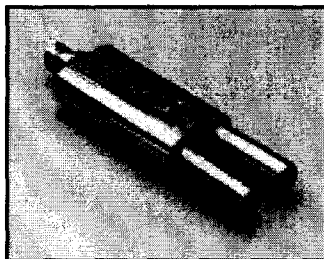
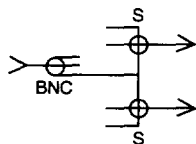
Dual Plugs Standard Size

CP1042X
CP1142N



Dual plug with conductors on .625" (15.87 mm) centers. Internal shield connections feature crimp type solderless connections. The handle is ABS black plastic. Similar to WECO 372A plug.

CP2001



Dual plug with conductors on .625" (15.87 mm) centers. Provides BNC connector on rear for monitoring. Metalized shell is conductive material.

Ordering Information

Description	Pin	Catalog Number*
Dual Plugs		
ABS black handle	.090" (2.29 mm) .070" (1.78 mm)	CP1042X CP1142N
metalized shell	.090" (2.29 mm)	CP2001

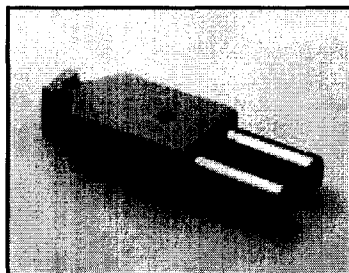
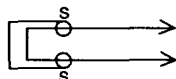
*When ordering, replace X with G (gold plating on all contact surfaces) or N (gold plating only on the center conductor).

Specifications are found on pages 107 and 114.

Components – Coaxial Plugs

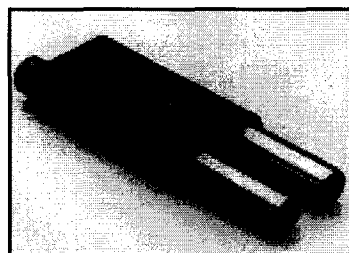
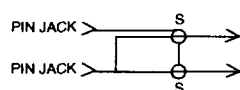
Dual Plugs Standard Size

CP1063X



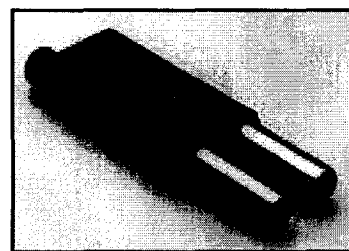
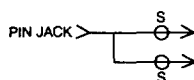
Dual plug. Special finger grip provides easy access when several looping plugs are used adjacent to each other. Indented portion of grip allows for colored contact tape to designate critical circuits.

CP1043X



Dual plug. Monitor points for center and outer conductors are on the rear of the handle.

CP1090X



Dual looping plug for monitoring via a single pin jack on the rear of the connector.

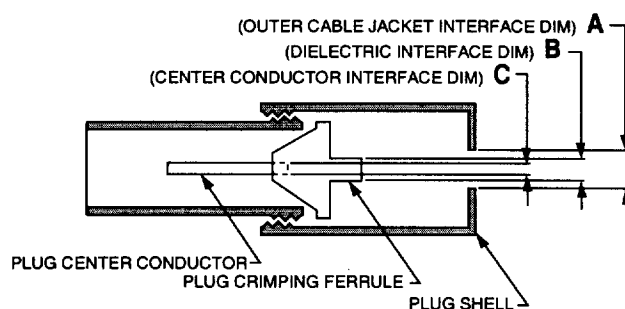
Ordering Information		
Description	Pin	Catalog Number*
Dual Plugs		
finger grip	.090" (2.29 mm)	CP1063X
rear monitor points	.090" (2.29 mm)	CP1043X
rear pin jack	.090" (2.29 mm)	CP1090X

*When ordering, replace X with G (gold plating on all contact surfaces) or N (gold plating only on the center conductor).

Specifications are found on pages 107, 114 and 115.

Components – Coaxial Plugs

Plug Cable Dimensions and Crimp Tools Ordering Information



Standard Size Plug

Ordering Information							
Standard Size Plug	OUTER JACKET A		DIELECTRIC B		CENTER CONDUCTOR C		*Crimp Tool
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	
CP1040X¥			NA				
CP1041X*	.262	.252	.156	.152	.045	.035	WT-412
CP1042X§			NA				
CP1043X*			NA				
CP1047X*			NA				
CP1048X	.328	.318	.208	.204	.045	.035	WT-415
CP1051X**			NA				
CP1051MX**			NA				
CP1063X§			NA				
CP1064X§			NA				
CP1090X*			NA				
CP1140X¥			NA				
CP1141X**	.262	.252	.156	.152	.045	.035	WT-412
CP1142X§			NA				
CP1143X*			NA				
CP1147X*			NA				
CP1148X	.328	.318	.208	.204	.045	.035	WT-415
CP1900X¥			NA				
CP2001X**			NA				

* Pin jacks on rear

§Looping Plug

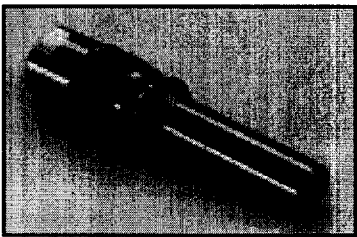
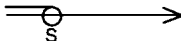
¥Terminating Plug

*Crimp Tool may be purchased from Thomas & Betts

Components – Coaxial Plugs

Single Plugs Midsize

CP1540X
CP1541X
CP1542X



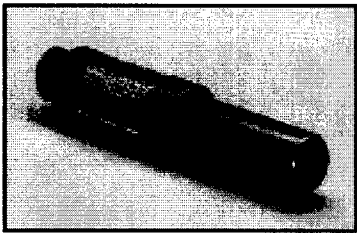
Single plug, similar to WECO 440A plug. A crimping sleeve is included with each crimp style plug.

Ordering Information		
Representative Cable Type	Connection Type	Catalog Number*
RG59	Clamp	CP1540X
21-597 (Essex)	Clamp	CP1541X
RG187	Clamp	CP1542X
RG59	Crimp	CP1540X Crimp
21-597 (Essex)	Crimp	CP1541X Crimp
RG187	Crimp	CP1542X Crimp

*When ordering, replace X with G (gold plating on all contact surfaces) or N (gold plating only on the center conductor).

Reference page 49 for specific cable dimensions.

PGS-100018



Single plug compatible with 735 diameter cable.

Ordering Information		
Description	Pin	Catalog Number
Single plug; 735 cable compatible	.048" (1.22 mm) nickel	PGS-100018

Specifications are found on pages 108 and 115.

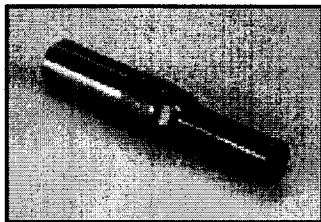
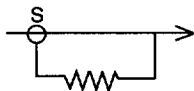
Reference page 49 for specific cable dimensions.

Components – Coaxial Plugs

Single Plugs Midsize

Single Terminating Plug

CP1501X



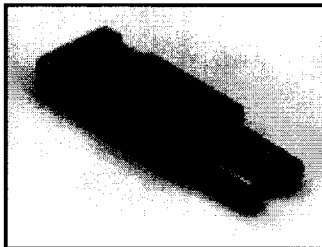
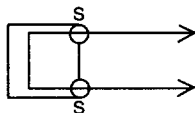
Ordering Information

Description	Catalog Number*
Single terminating plug with 75Ω resistor between outer and center conductor; .048" (1.22 mm) pin	CP1501X

*When ordering, replace X with G (gold plating on all contact surfaces) or N (gold plating only on the center conductor).

Reference page 49 for specific cable dimensions.

Dual Looping Plug CP1500X



Ordering Information

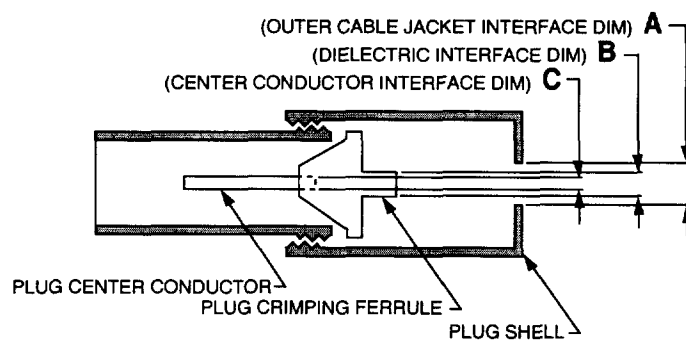
Description	Catalog Number*
Dual looping plug; .048" (1.22 mm) pin	CP1500X

*When ordering, replace X with G (gold plating on all contact surfaces) or N (gold plating only on the center conductor).

Specifications are found on pages 108 and 115.

Components – Coaxial Plugs

Plug Cable Dimensions and Crimp Tools Ordering Information



Midsize Plug

Ordering Information							
Midsize Plug	OUTER JACKET A		DIELECTRIC B		CENTER CONDUCTOR C		*Crimp Tool
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	
CP1500X\$			NA				Not Required WT-411 Not Required WT-402 and WT-1540 650625 WT-400
CP1501X¥			NA				
CP1540X	.255	.249	.157	.151	.039	.034	
CP1540X Crimp	.317	.307	.157	.151	.039	.034	
CP1541X	.170	.160	.111	.105	.039	.034	
CP1541X Crimp	.255	.245	.109	.107	.039	.034	
CP1542X	.118	.108	.072	.066	.039	.034	
CP1542X Crimp	.192	.182	.068	.064	.039	.034	

\$Looping Plug

¥Terminating Plug

*Crimp Tool may be purchased from Thomas & Betts