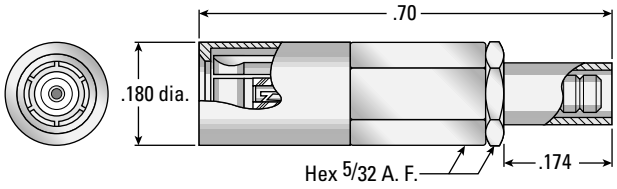
SSMB Cable Connectors

Click on part number to go directly to cable assembly instructions

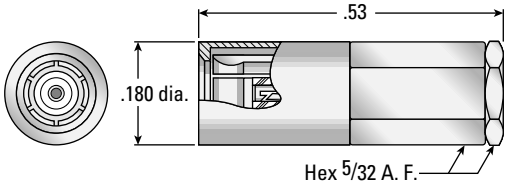
Straight Cable Plugs

Crimp type for flexible cable



AEP P/N
7202-1572-0XX*

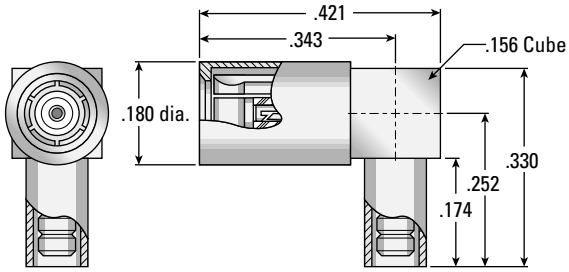
Solder type for semi-rigid cable



AEP P/N
7202-1542-0XX*

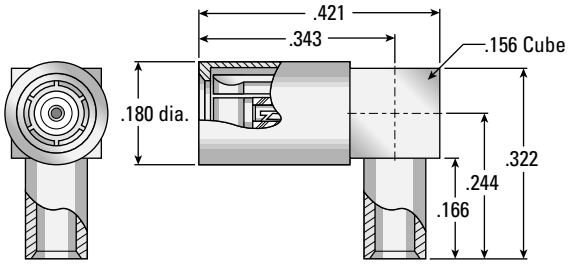
Right Angle Cable Plugs

Crimp type for flexible cable



AEP P/N
7405-1521-0XX*

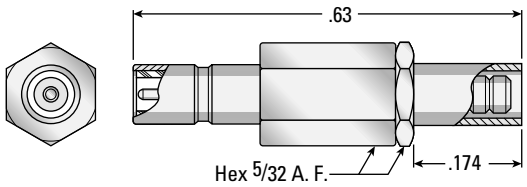
Solder type for semi-rigid cable



AEP P/N
7405-1561-0XX*

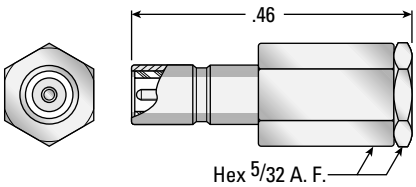
Straight Cable Jacks

Crimp type for flexible cable



AEP P/N
7201-1571-0XX*

Solder type for semi-rigid cable



AEP P/N
7201-1541-0XX*

***Substitute the appropriate cable group number for "XX" when ordering:**

GROUP	CABLE TYPES	GROUP	CABLE TYPES	GROUP	CABLE TYPES
02	RG178, RG196, M17/93, M17/169	05	RG178DS, RG196DS	19	RG174DS, RG316DS, M17/151, M17/152, Times RD-316
03	RG174, RG179, RG316, M17/113, M17/119, M17/172, M17/189	10	.085" semi-rigid, RG405, M17/133		
		11	.047" semi-rigid, M17/151	21	.056" semi-rigid

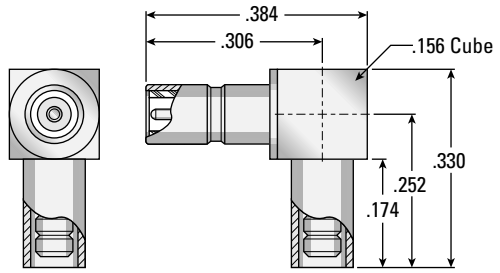
Downloaded from Arrow.com.

SSMB Cable Connectors

Click on part number to go directly to cable assembly instructions

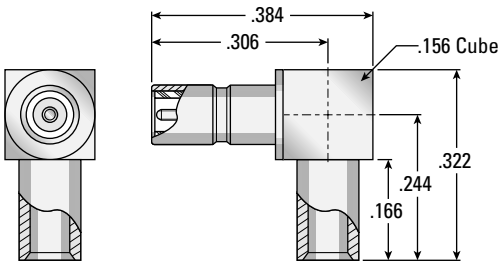
Right Angle Cable Jacks

Crimp type for flexible cable



AEP P/N
7441-1521-0XX*

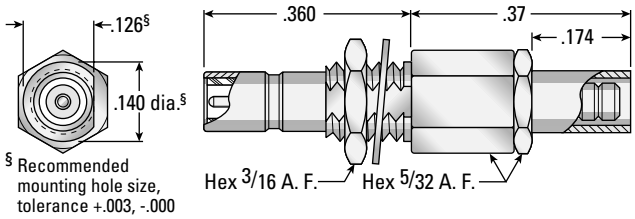
Solder type for semi-rigid cable



AEP P/N
7441-1561-0XX*

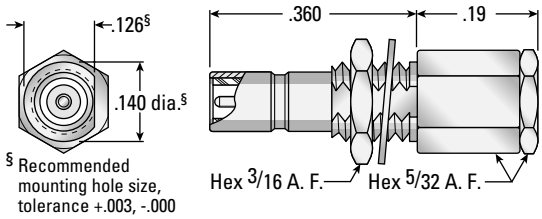
Straight Bulkhead Mounted Cable Jacks (.093" max panel thickness)

Crimp type for flexible cable



AEP P/N
7203-1571-0XX*

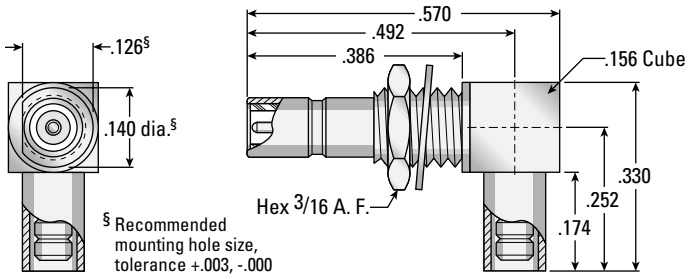
Solder type for semi-rigid cable



AEP P/N
7203-1541-0XX*

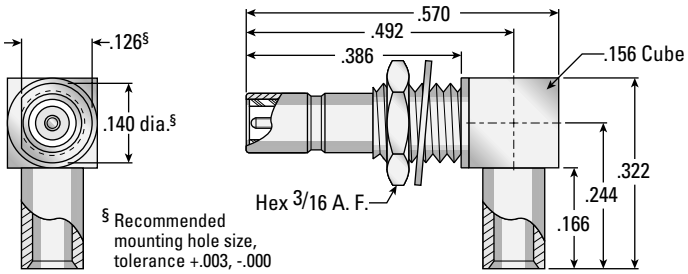
Right Angle Bulkhead Mounted Cable Jacks (.125" max panel thickness)

Crimp type for flexible cable



AEP P/N
7406-1521-0XX*

Solder type for semi-rigid cable



AEP P/N
7406-1561-0XX*

These connectors can be supplied with other mating end lengths to accommodate a wide range of panel thicknesses—contact factory for availability.

***Substitute the appropriate cable group number for "XX" when ordering:**

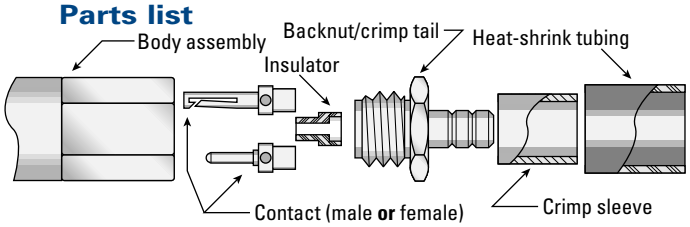
GROUP	CABLE TYPES
02	RG178, RG196, M17/93, M17/169
03	RG174, RG179, RG316, M17/113, M17/119, M17/172, M17/189
05	RG178DS, RG196DS
10	.085" semi-rigid, RG405, M17/133
11	.047" semi-rigid, M17/151
19	RG174DS, RG316DS, M17/151, M17/152, Times RD-316
21	.056" semi-rigid

Downloaded from Arrow.com.

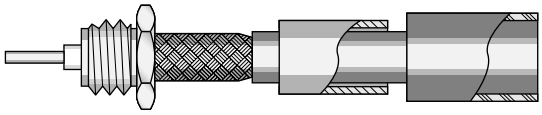
Cable Assembly Instructions

Straight Connectors—Flexible Cable

Parts list

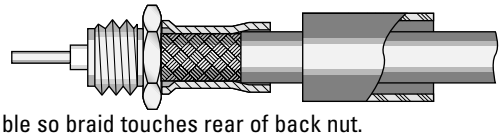


1



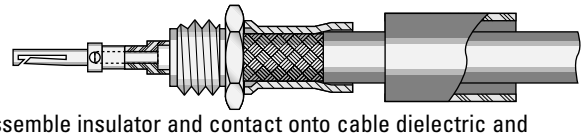
—Trim cable per trim code below; tin end of center conductor.
—Slide heat-shrink tubing and crimp sleeve over cable.
—Flare cable braid by rotating dielectric and slide cable into crimp tail.

2



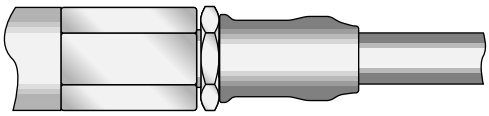
—Position cable so braid touches rear of back nut.
—Slide crimp sleeve forward to touch rear of back nut.
—Crimp braid with appropriate die size from chart below.

3



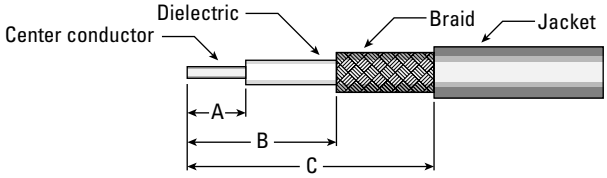
—Assemble insulator and contact onto cable dielectric and center conductor.
—Solder contact to center conductor by heating rear of contact (do not feed additional solder through inspection hole in contact).

4



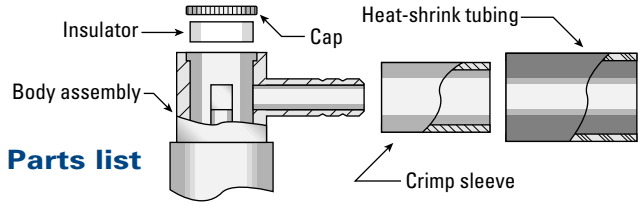
—Insert cable assembly into body assembly. Tighten to 25–45 inch-ounces torque.
—Slide shrink tubing over crimp sleeve and shrink to fit.

Cable Trim Dimensions

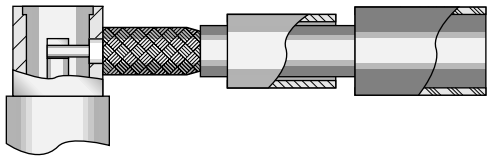


CONNECTOR TYPE	A	B	C
STRAIGHT CONNECTORS	.125	.300	.490
STRAIGHT P.C. BOARD TERMINATIONS	.060	.100	.230
RIGHT ANGLE CONNECTORS	.050	.100	.250

Right Angle Connectors—Flexible Cable

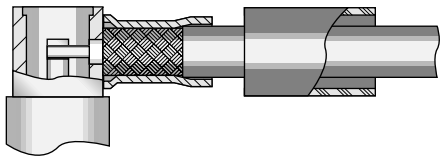


1



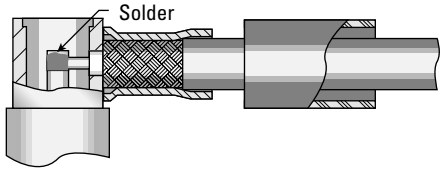
—Trim cable per trim code below; tin end of center conductor.
—Slide heat-shrink tubing and crimp sleeve over cable.
—Flare cable braid by rotating dielectric and slide cable into crimp tail.

2



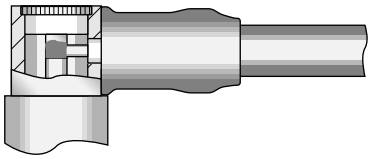
—Position cable so braid touches rear of body assembly.
—Slide crimp sleeve forward to touch rear of body assembly.
—Crimp braid with appropriate die size from chart below.

3



—Solder center conductor into notch in rear of contact with .025–.032" diameter chisel-tip soldering iron.
—Solder should cover center conductor, but not extend over top of notch in contact, or exceed contact diameter.

4



—Place insulator in body cavity, and press cap into place. Properly assembled cap will be slightly below end of body assembly.
—Slide shrink tubing over crimp sleeve and shrink to fit.

Crimp Die Sizes

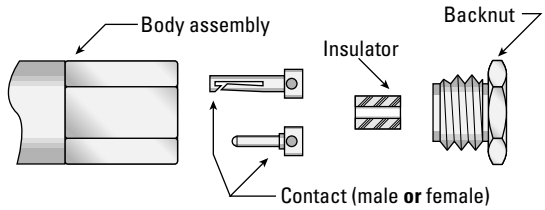
CABLE GROUP	HEX DIE SIZE
02	.105
03	.128
05	.128
19	.128

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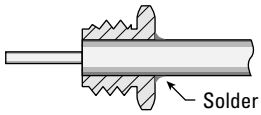
Cable Assembly Instructions

Straight Connectors—Semi-Rigid Cable

Parts list

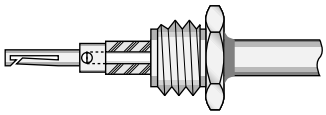


1



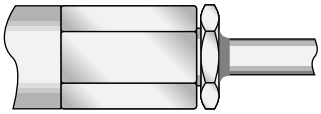
—Trim cable per trim code below; tin end of center conductor.
—Insert cable into backnut until trimmed end of jacket is flush with front of back nut.
—Solder cable jacket to back nut. Retrim dielectric flush if necessary.

2



—Assemble insulator and contact onto cable dielectric and center conductor.
—Solder contact to center conductor by heating rear of contact (do not feed additional solder through inspection hole in contact).

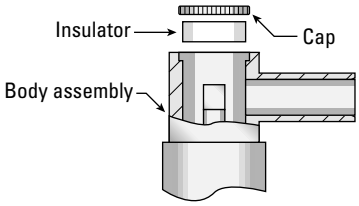
3



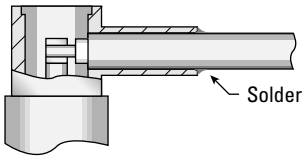
—Insert cable assembly into body assembly. Tighten to 25–45 inch-ounces torque.

Right Angle Connectors—Semi-Rigid Cable

Parts list

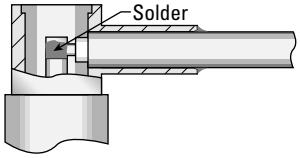


1



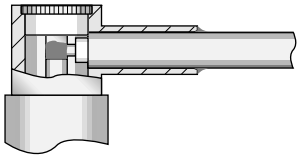
—Trim cable per trim code below; tin end of center conductor.
—Insert trimmed cable into body until jacket bottoms on step inside body and center conductor is in contact slot.
—Solder cable jacket to body assembly.

2



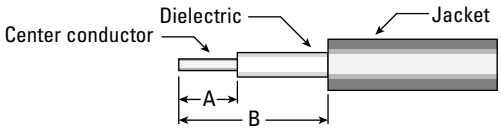
—Solder center conductor into notch in rear of contact with .025–.032" diameter chisel-tip soldering iron.
—Solder should cover center conductor, but not extend over top of notch in contact, or exceed contact diameter.

3



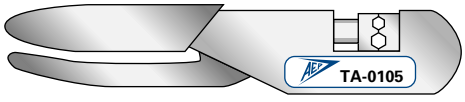
—Place insulator in body cavity, and press cap into place. Properly assembled cap will be slightly below end of body assembly.

Cable Trim Dimensions



CONNECTOR TYPE	A	B
STRAIGHT CONNECTORS	.125	.125
RIGHT ANGLE CONNECTORS	.060	.120

Assembly Tools

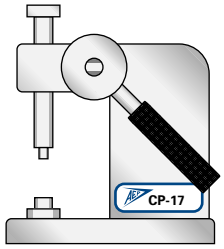


DESCRIPTION	AEP P/N
Crimp tool with .105" and .128" hex dies	TA-0105



DESCRIPTION	AEP P/N
Torque wrench with 5/32" jaws for SSMC plug coupling nuts and straight connector backnuts; 30 inch-ounces torque	TA-0432

DESCRIPTION	AEP P/N
Capping tool (arbor press) with bases for SSMB/SSMC/SSLB right angle plugs and jacks	CP-17



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