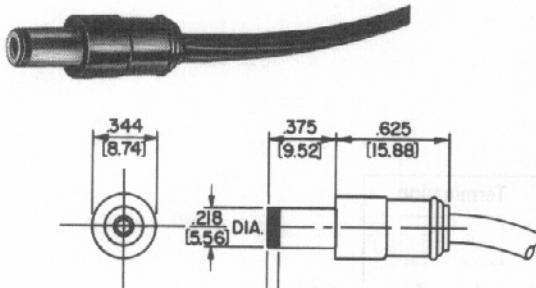


**MOLDED CABLE ASSEMBLIES**  
With Power-Plug Battery Charger Plugs and Jacks



ST760, ST765 – Termination Code: 47, 48



ST-760 .080-.084 DIA x .328 DEEP  
(2.03-2.13) DIA x (8.33) DEEP  
ST-765 .099-.103 DIA x .328 DEEP  
(2.52-2.61) DIA x (8.33) DEEP

NOTE: ST760 is a molded version of S760; ST765 is a molded version of 765.

**SPECIFICATIONS**  
**PLUG**

- Sleeve: Copper alloy, nickel-plated.
- Pin: Silver-plated copper alloy.
- Finger Insulator: Plastic.
- Insulating Washers: Rigid plastic.
- Sleeve Terminal: Steel, tin-plated.
- Molded Handle: Plastic.

**JACK**

- Bushing: Brass, nickel-plated copper alloy.
- Washers: Rigid plastic.
- Pin, Springs, and Terminals: Plated copper alloy.
- Housings: Thermoplastic.

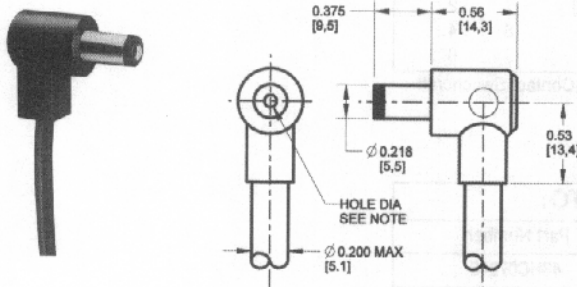
**CABLE**

We will build assemblies on cable furnished by you, .156" (3.96 mm) outside diameter, or on cable we purchase to your specifications. Jacket must have temperature rating of 60° C minimum. Optional mold available for larger cable; order as ST760L or ST765L.

**DESIGN FEATURES**

- **ST760, ST760L, RA760** – accepts .08" (2.03 mm) diameter pin.
  - **ST765, ST765L, RA765** – accepts .099" (2.54 mm) diameter pin.
  - **RA712A:**
    - Mates with ST765, ST765L, and RA765.
    - 2 conductor.
    - Mounts in .313" diameter hole in panels up to .125" thick.
    - Pin outside diameter is .108" - .112" split pin.
    - Automatic switchover from AC to DC.
  - **RA722A:**
    - Mates with ST760, ST760L, and RA760.
    - Pin outside diameter is .086" - .090" split pin.
    - Molded-in cable clamp sleeve terminal (RA plugs only).
    - For use with sockets similar to those used on portable radios, tape recorders, television receivers and appliances which feature AC adapters and/or battery chargers.
    - Available with terminations of another ST760, RA760 stripped and tinned ends, spade lugs, alligator clips, and more on special order.
    - Jacks available with extended bushing for use with Switchcraft locking power plugs 761K, 766K, S761K, and S766K on special order.
- See ordering guide on next page.

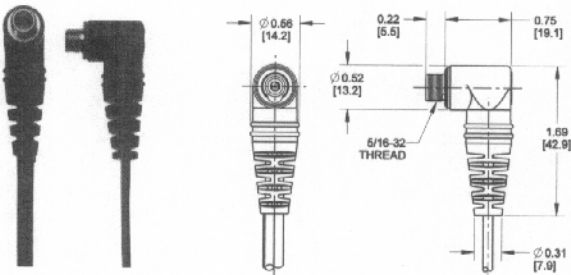
RA760, RA765 – Termination Code: 52, 53



RA-760 .080-.084 DIA x .328 DEEP  
(2.03-2.13) DIA x (8.33) DEEP

RA-765 .099-.103 DIA x .328 DEEP  
(2.52-2.61) DIA x (8.33) DEEP

RA712A and RA722A  
Termination Code: 71, 72



\*RA712A  
.108" - .112" Split Pin  
Collapses to fit .10" Diameter Pin

RA722A  
.086" - .090" Split Pin  
Collapses to fit .08" Diameter Pin

DIMENSIONS ARE FOR REFERENCE ONLY Inch  
(mm)

MOLDED CABLE ASSEMBLIES WITH POWER PLUGS AND JACKS  
PART NUMBERING SYSTEM

TO CREATE A PART NUMBER

1. Identify Terminations (both ends)
2. Indicate Color and Type of Cable
3. Select the Length of Assembly

DC POWER CABLE ASSEMBLIES

Type	Termination		Color	Cable*	Length (feet)			Termination	
	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ST760	4	7	G-Gray	C	0	1	8 (1.5)	4	7
ST765	4	8	H-Black	K	0	2	4 (2)	4	8
ST760L	5	7						5	7
ST765L	5	8						5	8
ST760K	7	3						7	3
ST765K	7	4						7	4
RA760	5	2		Y	0	3	6 (3)	5	2
RA765	5	3		Z	0	4	8 (4)	5	3
RA712A	7	1			0	7	2 (6)	7	1
RA722A	7	2			1	2	0 (10)	7	2
								8	4
								9	0

\*See "Cable Types" chart on page 260. Note: Some configurations will be special orders. Contact Switchcraft.

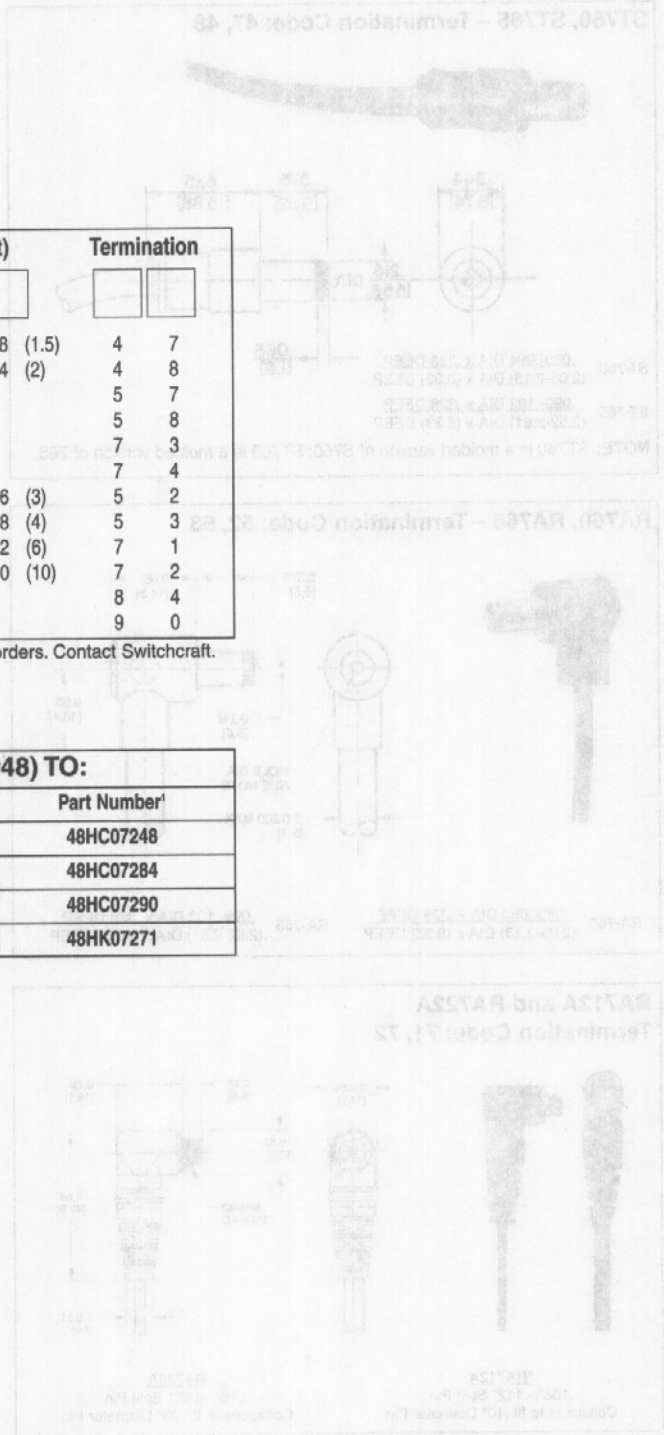
TYPICAL STANDARD PART NUMBERS

STRAIGHT 2-CONDUCTOR .100 PIN POWER PLUG (#48) TO:

Termination (other end)	Cable	Length (feet)	Part Number <sup>1</sup>
(power plug) #48	C	6	48HC07248
(stripped wires) #84	C	6	48HC07284
(blunt cut) #90	C	6	48HC07290
(power jack .100 pin) #71	K	6	48HK07271

1. All cables listed here are black.

Switchcraft® PATCH CORDS & MOLDED CABLE ASSEMBLIES



DIMENSIONS ARE FOR REFERENCE ONLY Inch  
(mm)