

AMERACE AIRPORT LIGHTING Primary Connector Kits

<http://www.amerace.com>



For Unscreened Cable

ELECTRICAL RATING

25 amps
5000 volts

SHIPPING

0,23 kg (.5#) each
50/box
11,5 kg (25#)

CONSTRUCTION

EPDM rubber
Every kit filled with silicone

SUGGESTED CRIMPING TOOLS

See page 14

54 Super Kit



54 Classic Kit



Slide show "How does the 54 Super kit work?"

<http://www.amerace.com/NewFiles/54sinst1.html>

Slide show "Super Kits? Classic Kits? What's the Difference?"

<http://www.amerace.com/NewFiles/compar1.html>

CATALOG NUMBER CODE

54Super E4 E4

Model Number

54 Primary Connector Kit, Classic Kit

54Super Primary Connector Kit with

- AmerSeal
- SuperSeal
- PositiveGrip

Cable Size -Receptacle side

Outside diameter of cable:
Select size code from Table 1.

Wire size:
Select size code from Table 2.

Cable Size -Plug side

Outside diameter of cable:
Select size code from Table 1.

Wire size:
Select size code from Table 2.

Cable Diameter				Size Code
Metric		Imperial		
Min.	Max	Min.	Max.	
5,0	6,6	.195"	.260"	B*
6,4	8,4	.250"	.330"	C
8,1	10,9	.320"	.430"	D
9,4	12,9	.370"	.507"	Z
10,7	14,9	.420"	.585"	E
14,6	19,9	.575"	.785"	F

* 54 Classic Kit only includes adapter

Wire Size and Type				Size Code
Concentric Stranded		Solid		
mm ²	AWG	mm ²	AWG	
4 - 6	10-12	4-6	8-10	6
10	8	10	6	4
16	6	16	4	3
-	4	-	-	2
-	2	-	-	1

April 2000

Primary Connector Kits

<http://www.amerace.com>

For Screened Cable

ELECTRICAL RATING

25 amps
5000 volts

SHIPPING

0,23 kg (.5#) each
50/box
12 kg (26.5#)

CONSTRUCTION

EPDM rubber
Every kit filled with silicone

SUGGESTED CRIMPING TOOLS

See page 14

CATALOG NUMBER CODE

52Super B EC4 EC4

Model Number

52Super Connecting screened primary cable to Amerace® encapsulated transformers or creating a separable splice in screened primary cable.

Earth Wire

B bare copper

I insulated

Cable Size - Receptacle side

Outside diameter of jacket:
Select size code from Table 1.

Outside diameter of insulation:
Select size code from Table 1.

Wire size:

Select size code from Table 2.

Cable Size - Plug side

Outside diameter of jacket:
Select size code from Table 1.

Outside diameter of insulation:
Select size code from Table 1.

Wire size:

Select size code from Table 2.

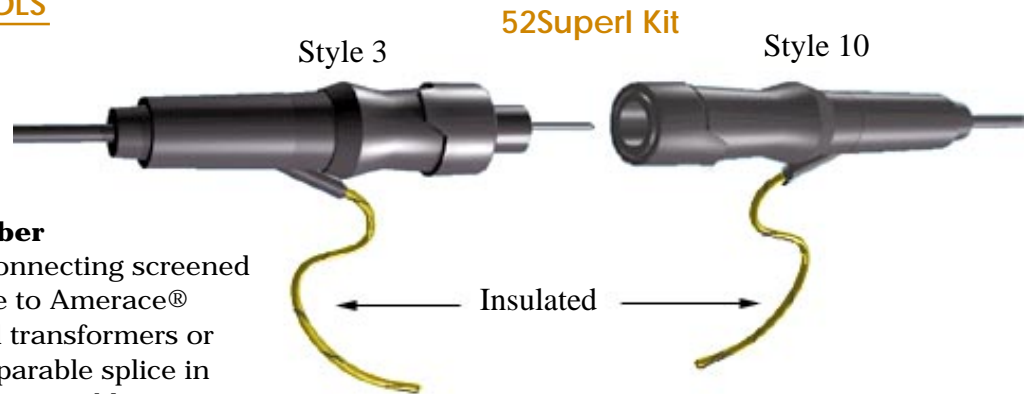
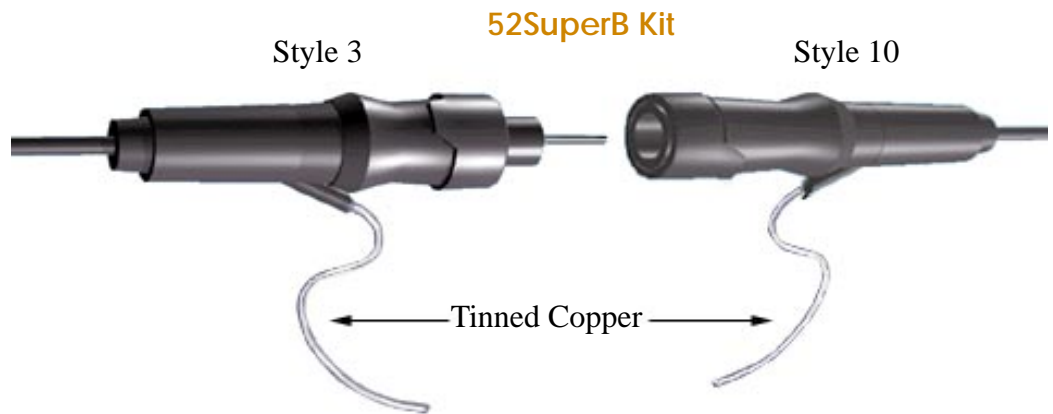


Table 1				
Cable or Insulation Diameter				
Metric		Imperial		Size Code
Min.	Max.	Min.	Max.	
6,4	8,4	.250"	.330"	C
8,1	10,9	.320"	.430"	D
10,7	14,9	.420"	.585"	E
14,6	19,9	.575"	.785"	F

Table 2				
Wire Size and Type				
Concentric Stranded		Solid		Size Code
mm ²	AWG	mm ²	AWG	
4 - 6	10-12	4-6	8-10	6
10	8	10	6	4
16	6	16	4	3
	4	-	-	2

Slide Show "How Does The 52 Super Kit Work"



<http://www.amerace.com/NewFiles/52sinst1.html>

AMERACE AIRPORT LIGHTING Secondary Connector Kits

<http://www.amerace.com>

USED FOR FIELD ASSEMBLY OF EXTENSION CORDS OR REPAIR OF DAMAGED CONNECTORS.



ORDERING INSTRUCTIONS

Amerace® connector kit model numbers make it easy to select the right product for your specific application.

Follow the chart to the right.

EXAMPLE

Order catalog number 90P-B6 for a secondary connector kit for a plug (male) termination on 2 single conductors with an outside diameter over insulation between 5 mm² (.195") and 6,6 mm² (.260") and wire size of 4 mm² (10-12 AWG) stranded or 6 mm² (8-10 AWG) solid.

SHIPPING

0,06 kg (.14#) each
6,5 kg (14#)100/box

SUGGESTED CRIMPING TOOLS

See page 14.

ELECTRICAL

20A
600V between contacts
1500V to earth

CATALOG NUMBER CODE

90 P - B 6

Model Number

90 For terminating 2 single conductors
91 For terminating 2 core cable

Configuration

P - Plug (male) connector
R - Receptacle (female) connector

Outside diameter over

Insulation (90 Series) or
Jacket (91 Series)

Select size code from Table 1.

Wire size

Select size code from Table 2.



Insulation or Jacket Diameter				Size Code	Applicable to Kit Models
Metric		Imperial			
Min.	Max.	Min.	Max.		
3	4	.120"	.160"	S	90P,90R
3,9	5,5	.155"	.205"	A	90P,90R
5,0	6,6	.195"	.260"	B	90P,90R
6,4	8,4	.250"	.330"	C	90P,90R
8,1	10,9	.320"	.430"	D	91P,91R
10,7	14,9	.420"	.585"	E	91P,91R
14,6	19,9	.575"	.785"	F	91P,91R

Wire Size					
Concentric Stranded				Solid	Size Code
	14-16 AWG		12-14 AWG	8	
2,5mm ²				6	
4mm ²	10-12 AWG	6mm ²	8-10 AWG	6	
6mm ²	8 - AWG	10mm ²	6 AWG	4	



<http://www.amerace.com/NewFiles/sconkit.html>

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