

OEM Switchcraft Microphone and Headphone Connectors for Collins S-Line

Note: Switchcraft www.switchcraft.com is now part of Conxall www.conxall.com

As of the date of this document the following OE parts are still available:

S-Line Receivers 75S-1/75S-2/75S-3 all

Headphone Jack	for .250" Diameter 2-Circuit Plug with isolated break circuit	
OEM Supplier	Part Number	Sources
Switchcraft	13E	Allied, Arrow, DigiKey, Mouser, Newark

KWM-2/2A Transceivers

Headphone Jack	for .250" Diameter 2-Circuit Plug with transfer circuit	
OEM Supplier	Part Number	Sources
Switchcraft	13A	Allied, Arrow, DigiKey, Mouser, Newark

S-Line Receivers 75S-1/75S-2/75S-3 all & KWM-2/2A Transceivers

Headphone Plug	.250" Diameter 2-Circuit Plug	
MIL Equivalent 2-Conductor, Screw Terminals, Black Handle		
MIL P/N M642/4-1, Old PJ-055B or Signal Corps PL-55		
OEM Supplier	Part Number*	Sources
Switchcraft	440X	Allied, Arrow, DigiKey, Mouser, Newark

* This is the equivalent of the original PJ-055/PL-55 Now →M642/4-1 Military version. There are much cheaper commercial versions available from Switchcraft, however these are original design and quality.

S-Line Transmitters 32S-1/32S-2/32S-3 all & KWM-2/2A Transceivers

Microphone Jack	for .206" Diameter 3-Circuit Plug	
OEM Supplier	Part Number**	Sources
Switchcraft	S12B	Allied, Arrow, DigiKey, Mouser, Newark

Microphone Plug	.206" Diameter 3-Circuit Plug	
MIL Equivalent 3-Conductor, Screw Terminals, Black Handle		
MIL P/N M642/5-1, Old PJ-068 or Signal Corps PL-68		
OEM Supplier	Part Number***	Sources
Switchcraft	480X	Allied, Arrow, DigiKey, Mouser, Newark

** This is the equivalent functionality and dimensions of the original JJ-033 Now →S12B.

*** This is the equivalent of the original PJ-068/PL-68 Now →M642/5-1 Military version. There are much cheaper commercial versions available, however these are original design and quality.

Collins defined the Microphone and Headphone interface connector standards for Aviation and indeed they are still standards for these interfaces today even for General Aviation. Newer enclosed jacks are now available as used in modern General Aviation radio gear so you can also replace a Switchcraft 13E jack with a newer enclosed 113E jack, or you can also replace a Switchcraft S12B with a newer enclosed S112B jack.

While these OE parts are still available, prices continue to soar which is often the case for parts they want to stop making. Since 2009 some prices have almost tripled.

Please note! *Prices for these components can vary wildly from supplier to supplier, depending on their order time and order quantity from the manufacture. Check stock and prices online before ordering.*

PDF Drawings of these parts are available as well. Many drawings were redone in 1964 and as a result some like the S12B does not reference the original JJ-033 part number.

Switchcraft Hardware

Note: All standard Switchcraft open frame jacks come with a flat washer and a hex nut. If you wish to replace the knurled nut these are also available from Switchcraft.

Flat Washer for Switchcraft Jacks

Steel, Nickel Plated 5/8" x 3/8" x .020"

OEM Supplier	Part Number	Sources
Switchcraft	S-1022-1	Allied, Arrow, DigiKey, Mouser, Newark

Knurled Nut for Switchcraft Jacks

Copper Alloy, Nickel plated
1/2" x 3/8" x 1/16", 3/8-32 Thread -

OEM Supplier	Part Number	Sources
Switchcraft	P-1009-1	Allied, Arrow, DigiKey, Mouser, Newark

Switchcraft Terminals and Screws (ever lost these tiny parts?)

for MIL-type plugs PJ-055 (440X), PJ-068 (480X)

Copper Alloy Solder Terminal, Tin plated

OEM Supplier	Part Number	Sources
Switchcraft	P-1069-5	Allied, Arrow, DigiKey, Mouser, Newark

Copper Alloy Terminal Screws, 2-64

OEM Supplier	Part Number	Sources
Switchcraft	P-1070	Allied, Arrow, DigiKey, Mouser, Newark

U-Clamp – cable to connector

OEM Supplier	Part Number	Sources
Switchcraft (440X)	P-2380	Allied, Arrow, DigiKey, Mouser, Newark

Switchcraft (480X)	P-2381	Allied, Arrow, DigiKey, Mouser, Newark
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Switchcraft Handles, Black

OEM Supplier	Part Number	Sources
Switchcraft (440X)	M1012	Allied, Arrow, DigiKey, Mouser, Newark
Switchcraft (480X)	M10271	Allied, Arrow, DigiKey, Mouser, Newark

Hardware Kit for MIL-Type Plugs (Terminals, Screws and Cable U-Clamp)

OEM Supplier	Part Number	Sources
Switchcraft (440X)	K165X	Allied, Arrow, DigiKey, Mouser, Newark
Switchcraft (480X)	K171X	Allied, Arrow, DigiKey, Mouser, Newark

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