

New Communications Solutions, LLC

NCS-3240 Multi-Switcher Cables

This is an interactive document. [Click](#) on index entries to go to the desired product page.

Radio Interface Cables

- ❑ Un-terminated Cables
- ❑ Cable Kits
- ❑ Complete Cable Assemblies
- ❑ Modular Cable Assemblies

Auxiliary Port Interface Cables

- ❑ Un-terminated Cable
- ❑ Mic Adaptor Cables
- ❑ W2IHY Equalizer Interface Cable
- ❑ RIGblaster Interface Cable
- ❑ KAM-XL & KAM 98 Interface Cable

Receive Audio Interface Cables

- ❑ Receive Audio Cable
- ❑ Receive Audio Cable Kit
- ❑ Stereo to Mono Adaptor Plug

Special Cables for Parallel Multi-Switcher Operation

- ❑ Receive Audio "Y" Cable
- ❑ Transmit Audio "Y" Adaptor
- ❑ Parallel Radio Interface Cable
- ❑ Parallel Receive Audio Cable

Connectors & Mic Cable

- ❑ Connectors
- ❑ Microphone Cable

*** If you don't find the cable you're looking for, contact us. We make a variety of custom cables not listed here.**

RADIO INTERFACE CABLES

The NCS-3240 Multi-Switcher requires a Radio Interface Cable for each connected radio. This cable connects between the Multi-Switcher and the mic input of the radio. NCS provides the Radio Interface Cable in three stages of assembly:

- **Un-terminated Cable** – Provided with 8 pin male DIN connector installed on one end and un-terminated on the other end. Customer must provide and install mic connector. Cables are provided in high impedance or low impedance versions (see selection criteria below)
- **Cable Kits** – Provided with un-terminated cable (above) plus a 4 or 8 pin female mic connector. Customer must install mic connector. Cable Kits are provided in high impedance and low impedance versions (see selection criteria below)
- **Complete Cable Assemblies** – No assembly required. Cable is provided with 8 pin male DIN on one end and mic connector installed on opposite end to interface with the specified radio.

For those who wish to build their own cable assemblies, NCS sells it's custom made mic cable by the foot and offers a variety of connectors for this purpose.

Selecting the Cable Impedance

- **Low impedance** (Lo-Z) cables should be specified for radios with mic input impedances between 200 and 2000 Ohms. Most modern radios will use the Lo-Z cable.
- **High impedance** (Hi-Z) cables should be specified for radios with input impedances greater than 2000 Ohms. Most vintage radios have high impedance mic inputs and will require using this cable. The only modern transceiver that has a high mic input impedance is the Ten Tec Orion.

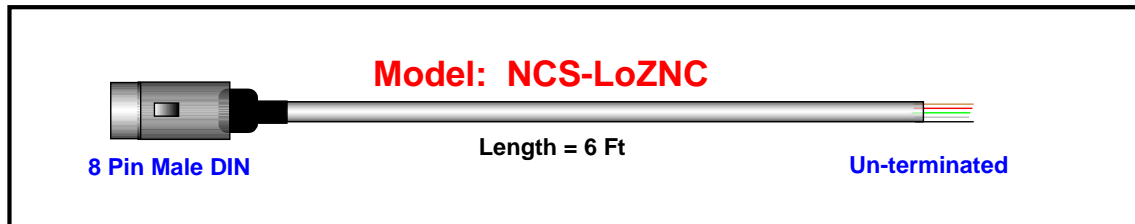
Cable Length – Standard Radio Interface Cables are provided in 6 foot lengths. Custom lengths are available. Add \$1.50 for each additional foot of cable. Cables shorter than 6 feet are the same price as standard length cables.

Un-Terminated Cable

This cable has an 8 pin male DIN on one end to interface with the Multi-Switcher. You add your connector to the other end to interface with your radio. The cable is available in high impedance and low impedance versions.

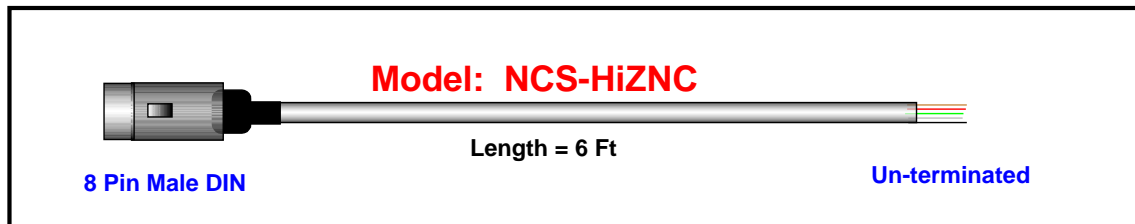
\$17.95 each

Low Impedance, 200-2000 Ohms – For Most Modern Radios



\$17.95 each

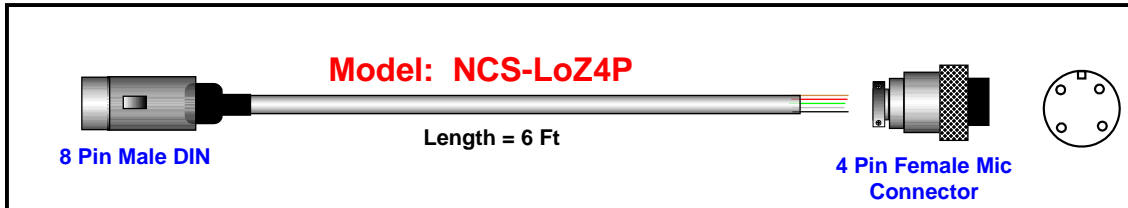
High Impedance, >2000 Ohms – For Most Vintage Radios



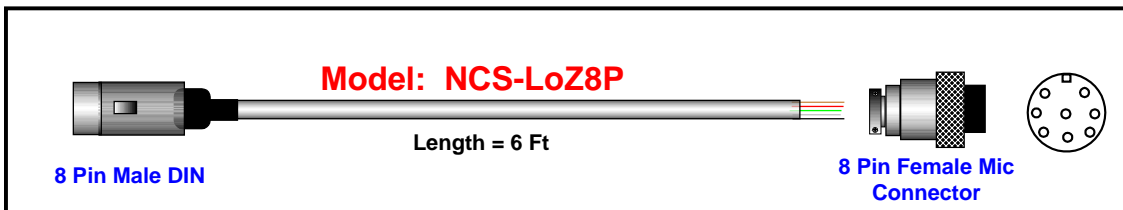
Cable Kits

Radio Interface Cable Kits are provided with a 6 ft. NCS-LoZNC cable and either a 4 pin or 8 pin female mic connector. You must install the mic connector to the cable.

\$19.95 each



\$19.95 each



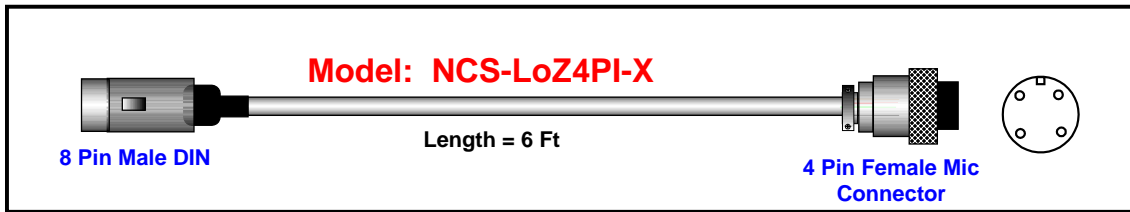
Complete Cable Assemblies

Complete Cable Assemblies come ready to use. No assembly required. Specify radio manufacturer using the following table. Cables for most any radio can be provided. If your radio is not shown in the table, call NCS for price and delivery.

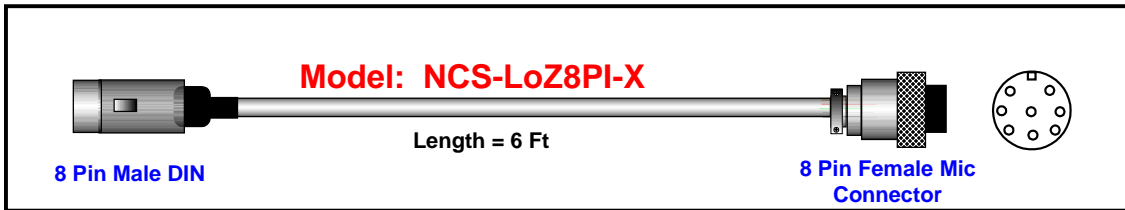
Radio Mfgr	"X" =	Color Code
Alinco	A	Blue
Elecraft	E	Blue
Icom	I	White
Kenwood	K	Blue
Ten Tec	T	Yellow
Yaesu	Y	Red

Each cable is color coded to the radio manufacturer. Manufacturers with the same color code use the same connector pin-outs.

\$24.95 each

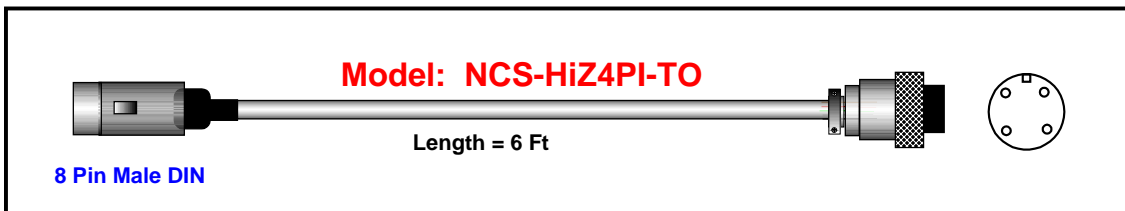


\$24.95 each



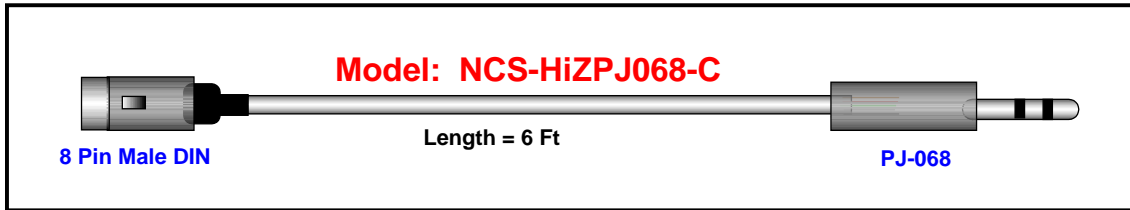
Ten Tec Orion

\$24.95 each



Collins

\$35.95 each



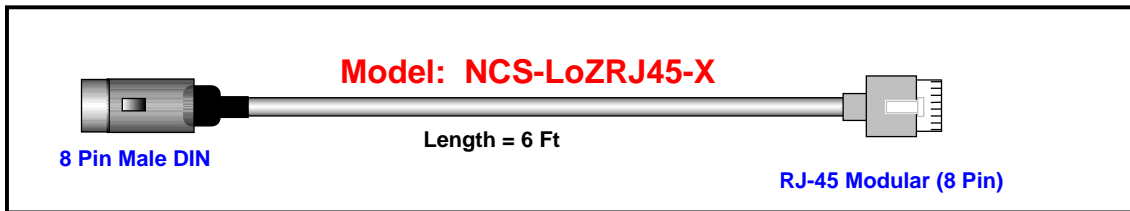
Modular Cable Assemblies

Modular Radio Interface Cable Assemblies come ready to use. No assembly required. Specify radio manufacturer using the following table. Cables for most any radio can be provided. If your radio is not shown in the table call NCS for price and delivery.

Radio Mfgr	"X" =	Color Code
Icom	I	White
Kenwood	K	Blue
Yaesu	Y	Red

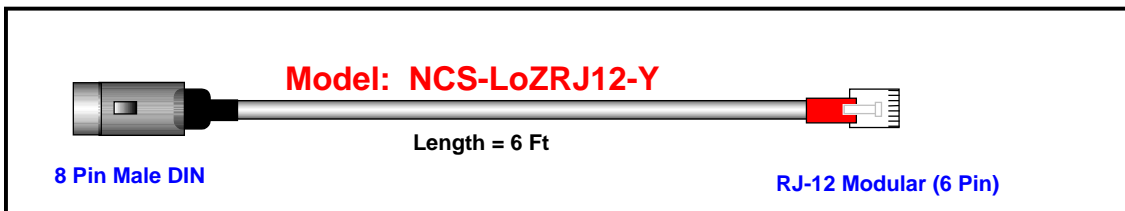
The RJ-45 connector boot is color coded to the radio manufacturer

\$23.95 each



6 Pin Modular Cables for Yaesu Radios Only

\$23.95 each



Auxiliary Port Interface Cables

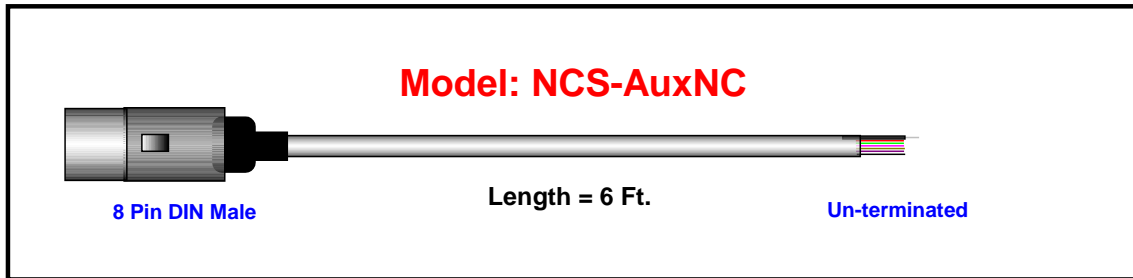
Auxiliary Interface Cables are used to connect mics, multi-mode controllers, sound card interfaces or other audio sources to either of the two Auxiliary audio ports (AUX 1 & AUX 2) on the Multi-Switcher. The Auxiliary Interface Cables must be wired for the specific equipment being interfaced to the Multi-Switcher (with exception of the un-terminated cable – NCS-AuxNC).

Radio Mfgr	"X" =
Icom	I
Kenwood	K
Yaesu	Y

Un-Terminated Cable

Cable is un-terminated. Add your own interface connector.

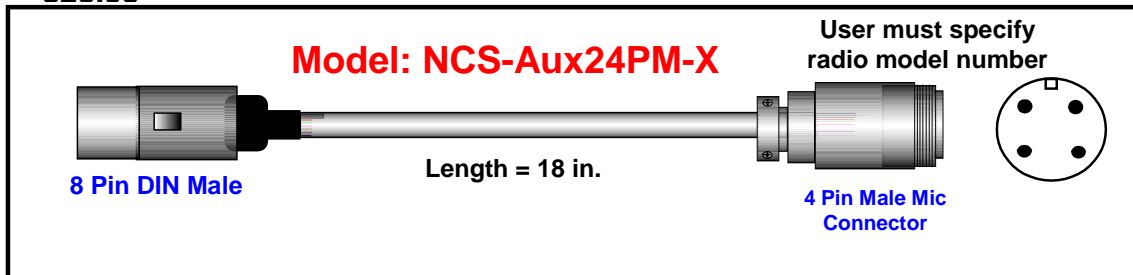
\$17.95



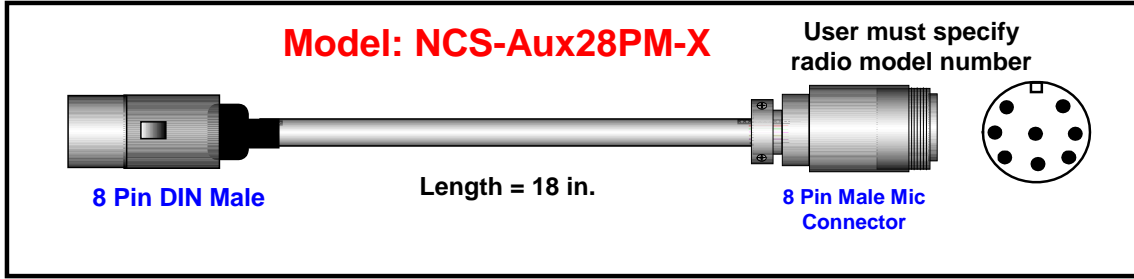
Mic Adaptor Cables

Auxiliary Port Mic Adaptor Cables are available for mics with 4 or 8 pin mic connectors. You must indicate the radio manufacturer that your mic is currently used with. Custom wired cables are also available at the same price. Standard length is 18 inches but custom lengths are available.

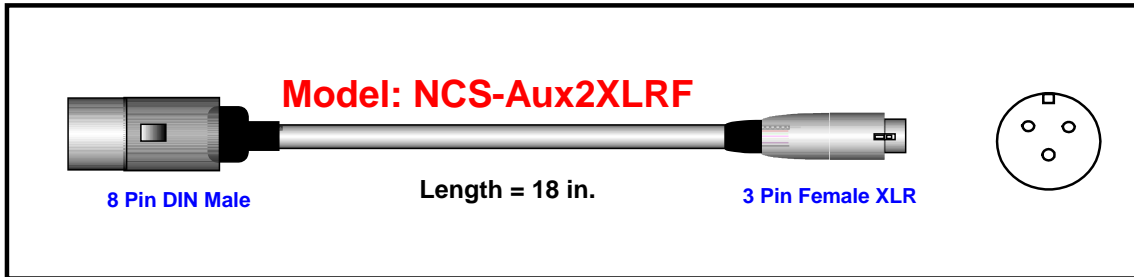
\$23.95



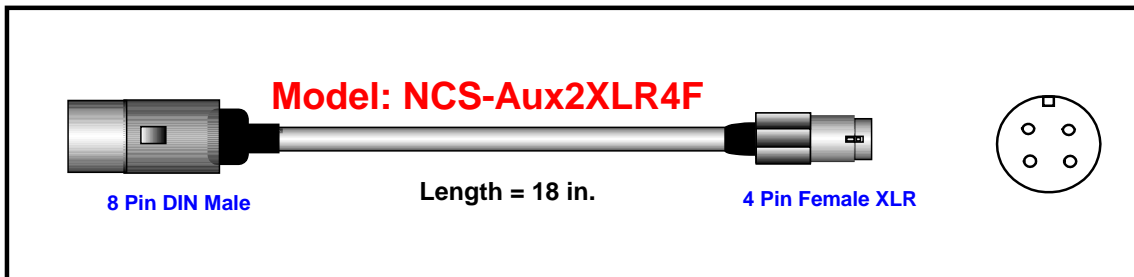
\$23.95



\$24.95

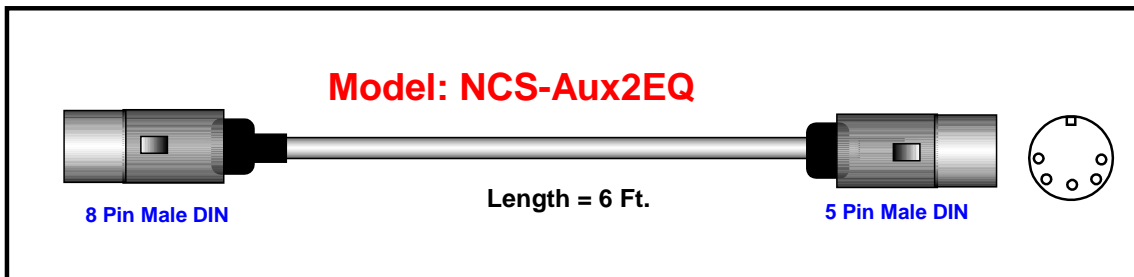


\$25.95



W2IHY Equalizer Interface Cable

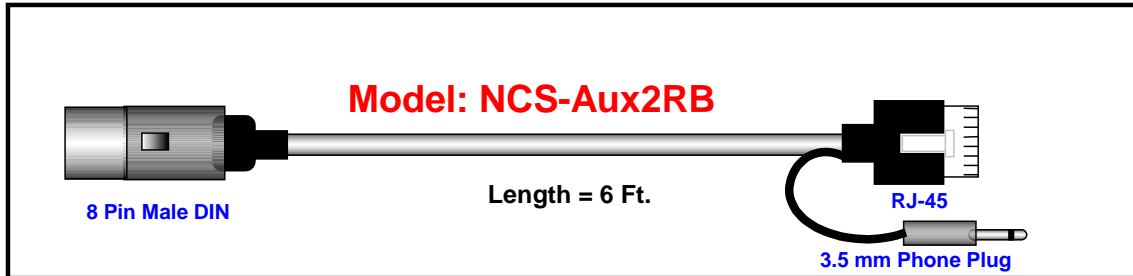
\$23.95



RIGblaster Interface Cable

The RIGblaster Interface Cable allows you to connect your RIGblaster sound card interface to the AUX 1 or AUX 2 port on the rear panel of the Multi-Switcher. Use your RIGblaster with all of your radios!

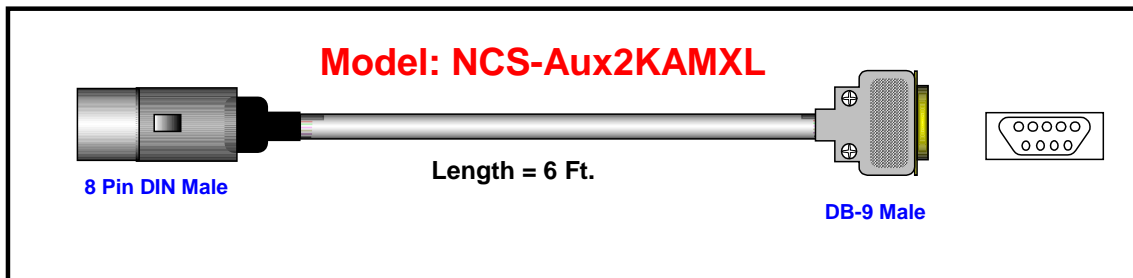
\$23.95



KAM-XL & KAM-98 Interface Cable

The KAM-98/KAM-XL Interface Cable allows you to connect your KAM-98 or KAM-XL multi-mode controller to the AUX 1 or AUX 2 port on the rear panel of the Multi-Switcher. Speaker audio is wired to speaker audio out in the 8 pin DIN connector. No separate speaker audio cable needed! Use your KAM-98 or KAM-XL with all of your radios!

\$27.95

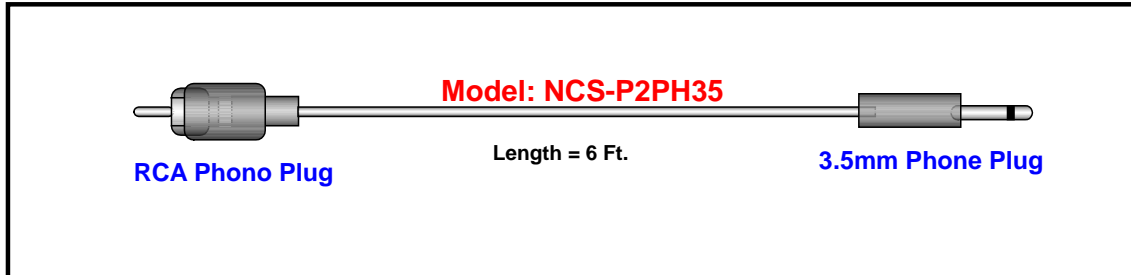


Receive Audio Interface Cables/Adaptors

Receive Audio Interface Cables are used to connect your radio's speaker output to the Left and/or Right Audio Inputs on the Multi-Switcher. Standard cable length is 6 ft. but custom lengths are also available. You will need one for each connected radio.

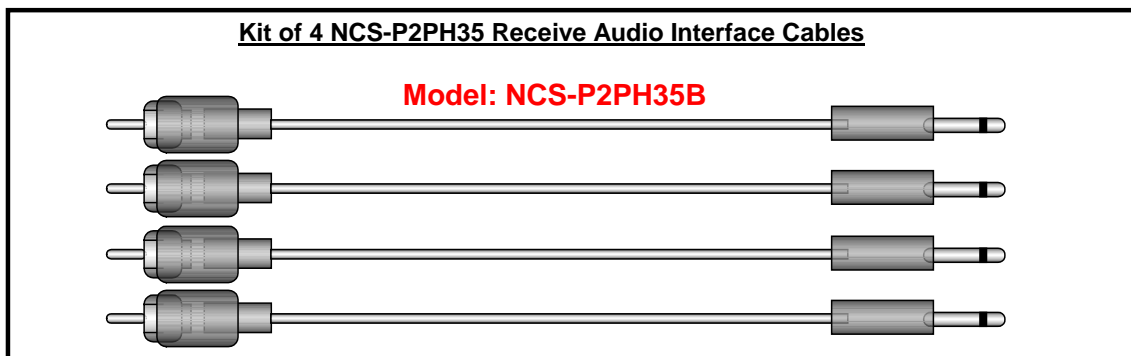
Receive Audio Cable

\$5.95



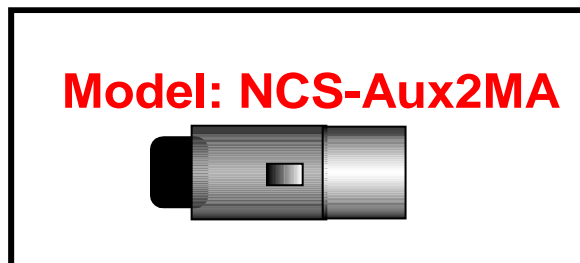
Receive Audio Cable Kit

\$18.95 for kit of 4



Stereo to Mono Adaptor Plug

\$2.00



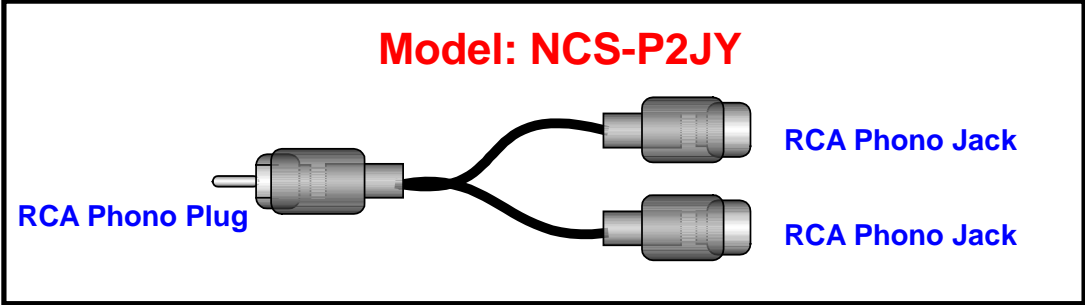
Converts Multi-Switcher Receive Audio from Stereo to Mono operation when plugged into AUX 1 or AUX 2 Auxiliary Ports.

Provides mono audio to both earpieces when using headphones or headset.

Special Cables for Parallel Multi-Switcher Operation

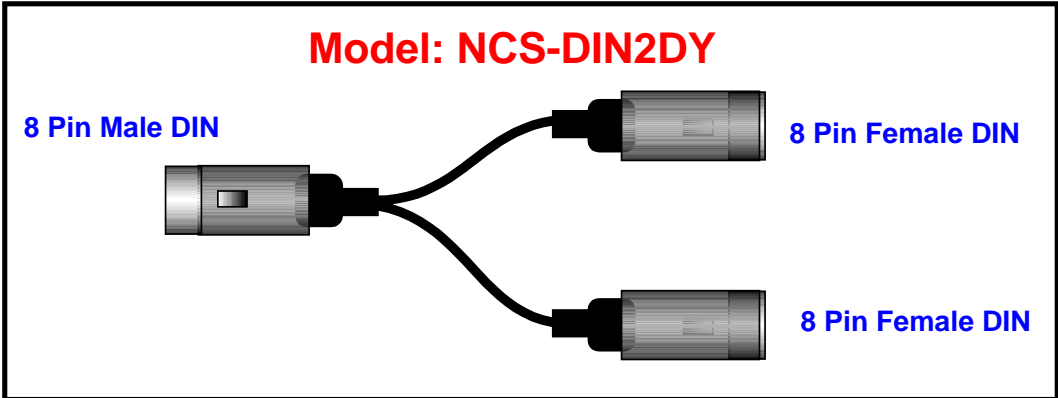
Receive Audio "Y" Adaptor

\$6.95 "Y" Adaptor for paralleling Receive Audio



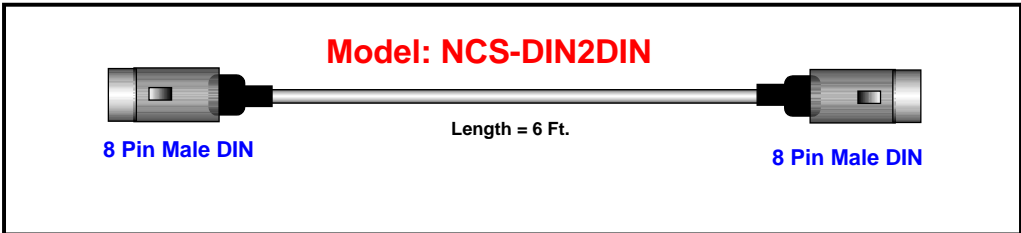
Transmit Audio "Y" Adaptor

\$19.95 "Y" Adaptor for paralleling Transmit Audio



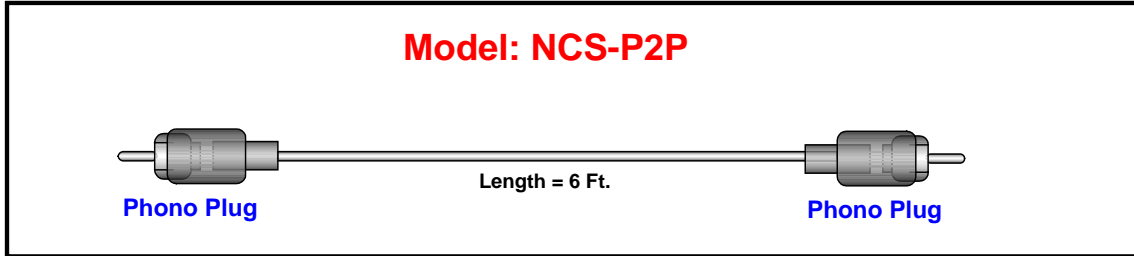
Parallel Radio Interface Cable

\$22.95



Parallel Receive Audio Cable

\$5.95



Connectors & Cable

For the convenience of the customer who wants to build his own Radio Interface Cables or Auxiliary Port Interface Cables NCS offers a variety of connectors and sells its special seven conductor mic cable by the foot.

Connectors



8 Pin Male DIN Plug

\$1.10 ea.

NCS-DIN8PM



4 Pin Female Mic Connector

\$2.95 ea.

NCS-MIC4PF



8 Pin Female Mic Connector

\$3.50 ea.

NCS-MIC8PF



4 Pin Male In-line Mic Connector

\$6.95 ea.

NCS-IL4PM



8 Pin Male In-line Mic Connector

\$6.95 ea.

NCS-IL8PM

Microphone Cable



\$1.50 per Ft. (10 Ft. Min)

NCS-3570 seven-conductor cable was custom fabricated for use with NCS audio products. This is an excellent flexible microphone cable and can be used for balanced or unbalanced inputs. Additionally, it was designed to work with RJ-12 and RJ-45 modular connectors.

Cable Description

7 total conductors
 Shielded twisted pair of 26 AWG, 19 strands of tinned copper
 Nafoil taper wrap with 26 AWG, 19 strand drain wire
 5 polypropylene insulated 26 AWG, 19 strand wires
 Black PVC outer jacket (0.032" wall)
 Nominal outside diameter is 0.190 in.