

# Foster 8-pin to RJ-45 CAT Cable Breakout Wiring

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Gene, K5PA

<https://www.k5pa.com>

# Pin Connections, RB Mic to 8 Pin Round Cable, 6 ft.

[http://www.westmountainradio.com/product\\_info.php?products\\_id=m8\\_cbl\\_6](http://www.westmountainradio.com/product_info.php?products_id=m8_cbl_6)



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**RB Mic to 8 Pin Round Cable, 6ft**

#58112-977 **\$19.95**

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## Features

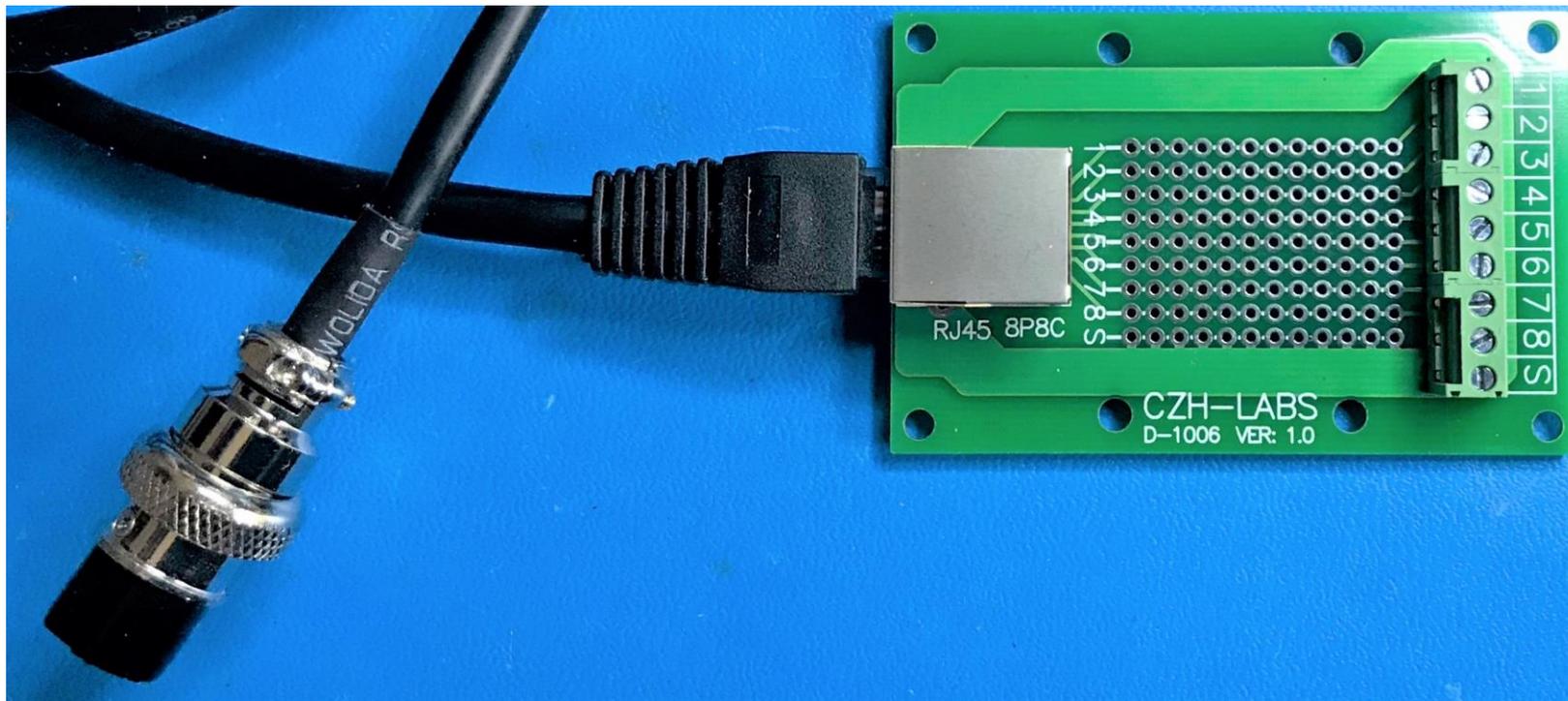
This 6 foot shielded mic cable is for use where the included 3 foot 8 Pin Screw On Custom Mic Cable is too short. It is intended for use with RIGblaster DXpro, RIGblaster Advantage, RIGblaster Blue, RIGblaster Nomic, RIGblaster Plus II, RIGblaster Plus, RIGblaster Pro and RIGblaster Duo.

<https://www.k5pa.com>

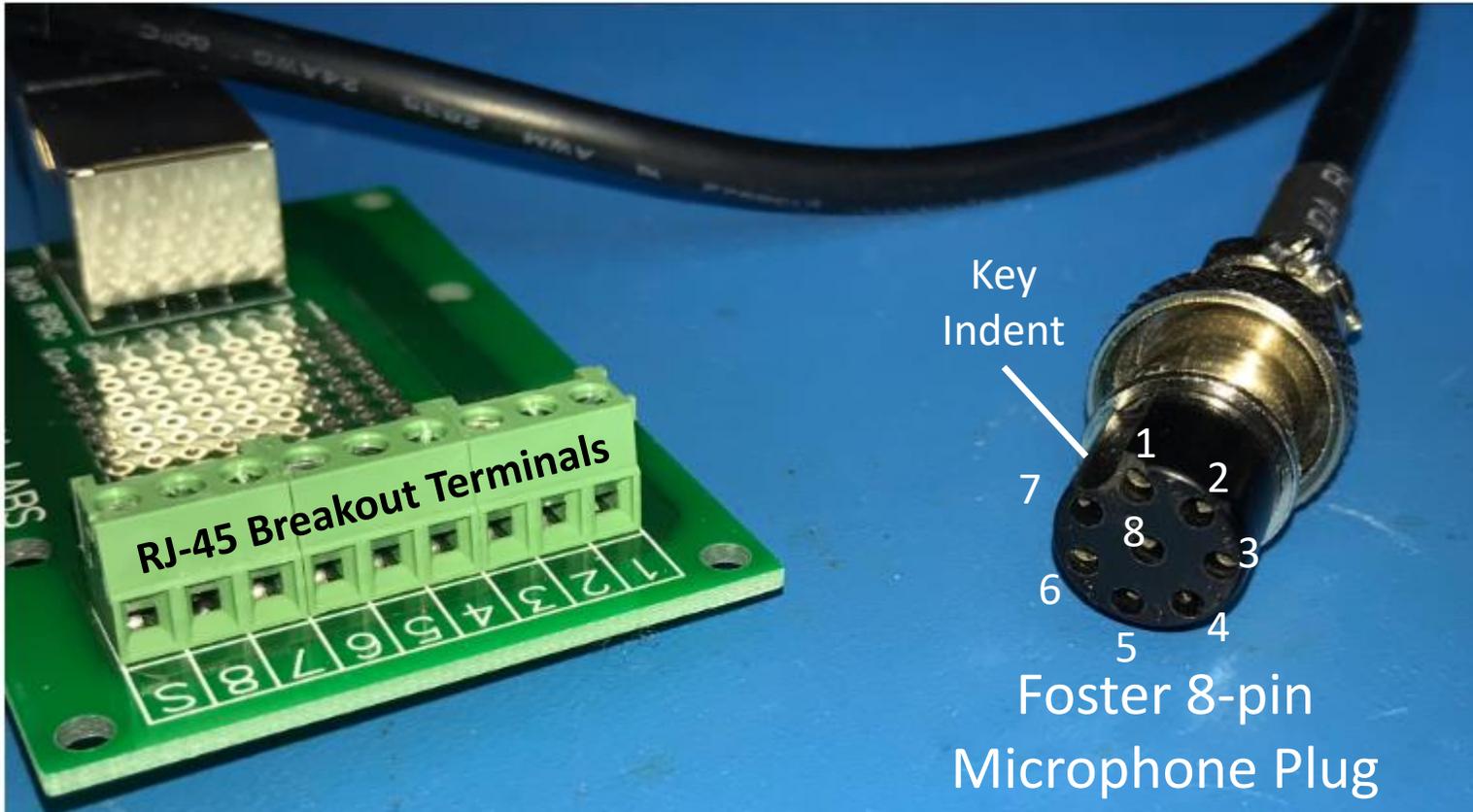
# RJ-45 Breakout Board

[https://www.amazon.com/gp/product/B01GNNMAN2/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B01GNNMAN2/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

Electronics-Salon RJ45 8P8C Right Angle Shielded Jack Breakout Board, Terminal Block Connector.



# Foster 8-pin to RJ-45 Connections



**Table 1 - Pin Connectivity**

Foster 8-pin	RJ-45 Term. Breakout	Notes
1	8	
2	7	
3	6	
4	5	
5	4	
6	3	
7	2	
8	1	
-	S	n/c
Body	-	n/c

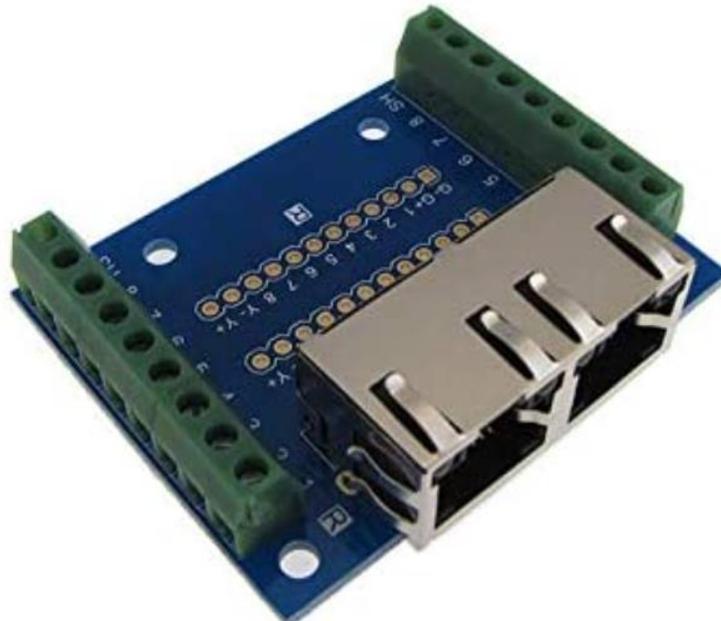
## Notes

- Pin-outs Are Stamped on the Foster 8-pin Sockets as Shown With White Lettering in the Photo.
- The Foster 8-pin is Shielded But is Not Connected to the Breakout Board.
- Looking at the Table, the Pin-outs are Reversed!

n/c = No Connection

Connecting Foster-RJ-45 Cable to WO2 Base Unit Use a Dual RJ-45 with Another RJ-45 Patch Cord for Connecting to the Base Unit. Join Connections Between the Microphone and Base Unit RJ-45 Using Terminals or Solder Pads. (See Next Page For Details)

[https://www.amazon.com/gp/product/B01BAHLWZ8/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B01BAHLWZ8/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)



### Dual RJ45 Ethernet Connector Breakout Board w/LED Screw terminals

Brand: MDFLY

★★★★★ 18 ratings | 3 answered questions

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- Dual RJ45 Ethernet Connector Breakout Board w/ LED Screw terminals

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# Example Using another RJ-45 Patch Cord to the Radio Connector

- Instead, use the RJ-45 to Foster 8-pin to connect to the radio

## Connectivity Between Radio to Headset

AC/DC 9 V Adapter RJ45 Audio Mini-USB Sound Card



Use terminal strips or solder pads to make mic, speaker, and PTT connections

Here, replace the radio patch cord with the **RJ-45 to Foster 8-pin** for radios using that mic connector.