

# ICOM-705 Micro USB Port RF Protection

## Ferrite Core: Mouser Electronics

<https://www.mouser.com/>

Mouser P/N: 623-0443164151 (Complete Cores and Case)

Ferrite Cable Cores RD Z=250 OHM @ 100MHz

Type 43 Material

Price: \$4.83

## USB-C to USB-B Cable: Amazon

(If computer is USB-A, find suitable cable)

[https://www.amazon.com/gp/product/B078Y37PRN/ref=ppx\\_yo\\_dt\\_b\\_asin\\_title\\_o09\\_s00?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B078Y37PRN/ref=ppx_yo_dt_b_asin_title_o09_s00?ie=UTF8&psc=1)

UGREEN USB C to Micro USB Cable, Micro B Type C Cord Male to Male  
Compatible for MacBook iMac Pro Chromebook Pixel Yoga 900, etc. 3.3FT

Price: About \$8.00

## FOR LONGER LENGTH

[https://www.amazon.com/dp/B0BX5DGKKL?ref=ppx\\_yo2ov\\_dt\\_b\\_product\\_details&th=1](https://www.amazon.com/dp/B0BX5DGKKL?ref=ppx_yo2ov_dt_b_product_details&th=1)

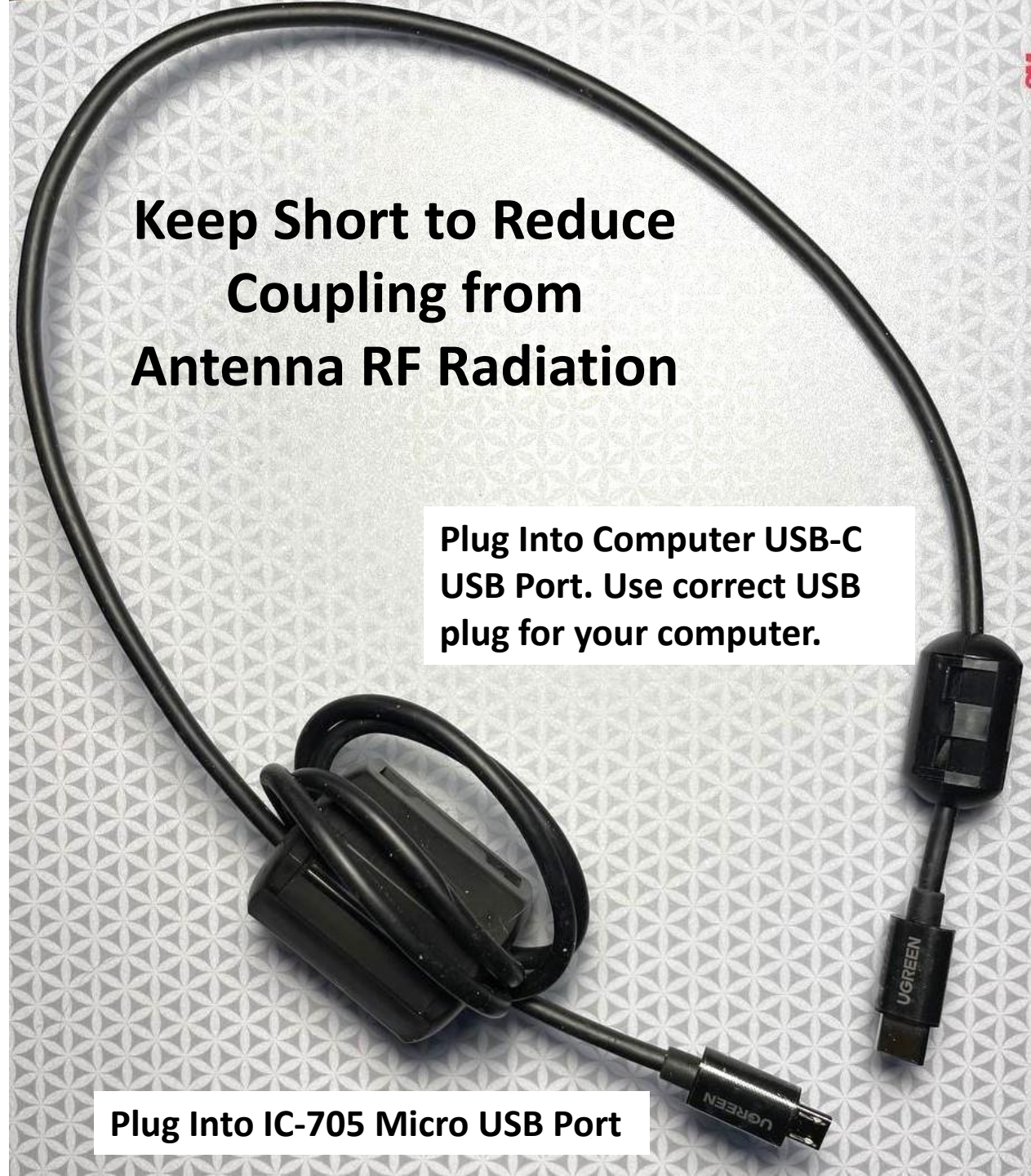
USB C to Micro USB Cable 6 Feet (3 Pack), Flexible Micro USB to USB-C Cord,  
Supports Fast Charging & Data Sync, Compatible with MacBook Pro,  
Samsung Galaxy, Pixel 3, LG and More.

Price: About \$6.00

## Create the Common Mode Choke

Wrap 5 pass-through cable turns of USB cable around core nearest the end with the Micro USB connector. You can add another small ferrite bead near the other end (shown in the photo) if you have one.

**File Name: IC-705 USB Port RFI Protection Choke Rev-B**



**Keep Short to Reduce  
Coupling from  
Antenna RF Radiation**

**Plug Into Computer USB-C  
USB Port. Use correct USB  
plug for your computer.**

**Plug Into IC-705 Micro USB Port**