

## Communication Cable Assembly Requirement Form

Company Name \_\_\_\_\_

Contact Person \_\_\_\_\_

Phone Number \_\_\_\_\_

E-mail \_\_\_\_\_

Item	Description / Unit	Customer Input
Impedance	e.g., 100 $\Omega$ / 120 $\Omega$ / 75 $\Omega$	
Transmission Frequency	e.g., 0~500MHz / 1GHz	
Number of Conductors	Total number including ground wires	
Cable O.D.	If limited, please specify (mm)	
Min. Bending Radius	Fixed / Dynamic, unit: mm	
Cable Length	Total length including connectors	_____ <input type="checkbox"/> mm / <input type="checkbox"/> inch

Please select connector types for both ends:

End 1: ☐ Space-grade: \_\_\_\_\_ ☐ Military-grade: \_\_\_\_\_

☐ Commercial-grade: \_\_\_\_\_

End 2: ☐ Space-grade: \_\_\_\_\_ ☐ Military-grade: \_\_\_\_\_

☐ Commercial-grade: \_\_\_\_\_

Transmission Protocol / Signal Type:

☐ RS-232 ☐ RS-485 ☐ CAN ☐ Ethernet ☐ Analog ☐ Digital I/O

☐ Other: \_\_\_\_\_

EMI Protection Level:

☐ No Special Protection ☐ Standard Shielding ☐ High Shielding ☐ Military-grade ☐

Other: \_\_\_\_\_



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**Shielding Design:**

- ☐ None ☐ Aluminum Foil ☐ Braided Copper Mesh ☐ Double Shield (Foil + Braided)  
☐ Other: \_\_\_\_\_

**Water / Dust Protection (IP Rating):**

- ☐ No Protection  
☐ Yes, please choose: ☐ IP65 ☐ IP67 ☐ IP68 ☐ Other: \_\_\_\_\_

**Flame / Fire Resistance Requirements:**

- ☐ None ☐ UL94V-0 ☐ CE ☐ RoHS ☐ REACH ☐ Other: \_\_\_\_\_

**Operating Environment:**

- ☐ Indoor ☐ Outdoor ☐ High Temperature ☐ High Humidity ☐ Vibration  
☐ Other: \_\_\_\_\_

**Installation Type:**

- ☐ Fixed Installation ☐ Mobile Installation ☐ Frequent Bending ☐ Drag Chain Use  
☐ Other: \_\_\_\_\_

**Test Report Requirements (multiple selections allowed):**

- ☐ Continuity Test  
☐ Insulation Test  
☐ Impedance Test  
☐ EMI Test Report  
☐ Frequency Response Chart  
☐ Other: \_\_\_\_\_

**Required Certifications / Standards (multiple selections allowed):**

- ☐ UL ☐ CE ☐ RoHS ☐ REACH ☐ MIL ☐ Other: \_\_\_\_\_

**Estimated Annual Quantity & Batch Info:**

- Initial Sample Quantity: \_\_\_\_\_
- Estimated Annual Demand: \_\_\_\_\_



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**Other Special Requirements (check or specify):**

- ☐ Heat Shrink with Printed ID
- ☐ Label Sticker
- ☐ Customer Part Number Marking: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

**Target Applications (multiple selections allowed):**

- ☐ Industrial Control Equipment
  - ☐ Avionics / Space Modules
  - ☐ Communication Modules / Antennas
  - ☐ Military Communication Systems
  - ☐ Medical Devices
  - ☐ Test Instruments
  - ☐ Other: \_\_\_\_\_
- 

**Notes:**

- Please send the completed form as an email attachment to: [gpsgis@ms24.hinet.net](mailto:gpsgis@ms24.hinet.net)
- If you have any questions about filling out this form, feel free to contact **Nearson**

**Enterprise Corp.** directly.

- This form can be filled and submitted electronically without printing.



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