

Product Focus

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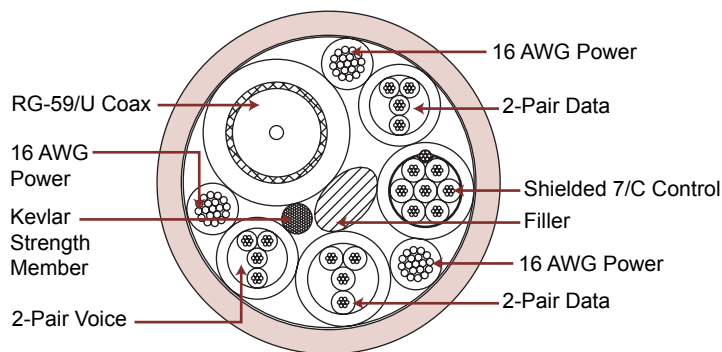
Custom Designs Provide Unique Features

Quabbin Wire & Cable Co., Inc is well known as a stocking manufacturer of low voltage electronic and data transmission cables; however, we also have the capability to produce custom or special designs. We have thousands of designs on file, ranging from special hook-up wires to exotic composite cables. This Product Focus provides several examples of cables Quabbin has designed and produced for customers with unique application needs.

We can provide a cable design and quotation in 1 –2 working days, and manufacture the cable promptly after the design has been approved. Our design staff can work from an existing sample, a performance specification, or they can talk you through your design requirements.

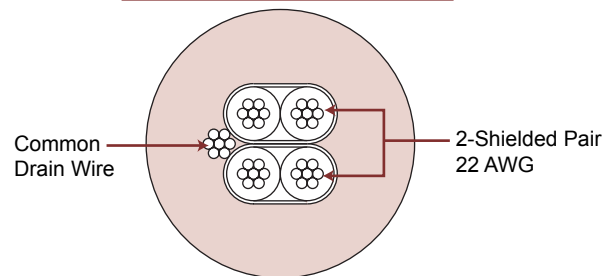
Just as important, Quabbin can provide design/specification protection. Think of Quabbin for your next custom cable design or when you have an unusual cable requirement.

Harness Replacement Cable



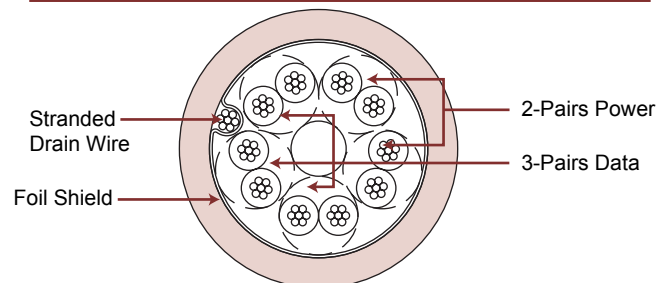
Single flexible cable replaces complex harness
Combines power, control, video, voice, data

Geophysical Sensor Cable



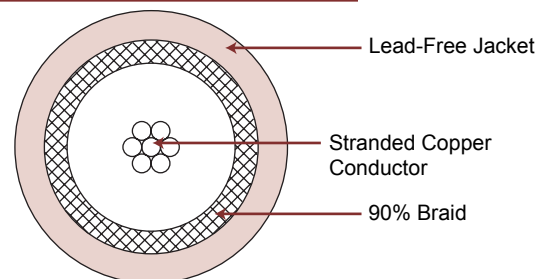
Common-axis cabling reduces size
PVC or polyurethane pressured jacket
Jacket provides sealed connection

300 MHz Low Voltage Differential Signaling Cable



Data pairs: foam polypropylene
Power pairs: solid polypropylene
Data pairs' impedance 100 +/- 10 Ohms to 300 MHz
Design developed using length and data rate

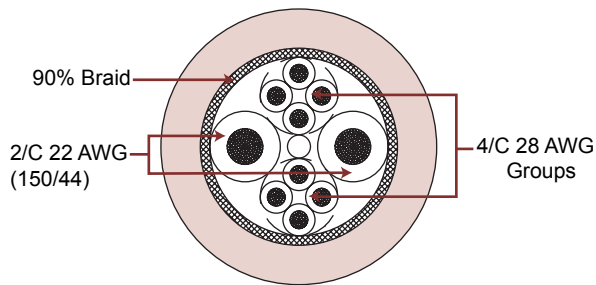
Commercial Cost-Saving Coax



Cost-saving replacement for FEP designs
Electrical/dimensional equivalent to RG-316
Fits RG-316 connectors
75 C maximum rating
Other "RG" equivalents available

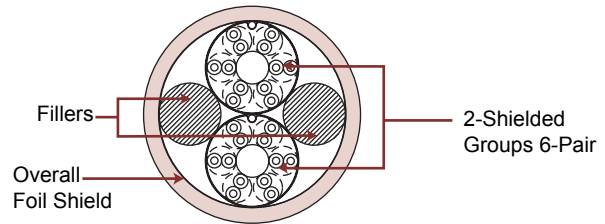
Call Quabbin For Your Custom Cables

Flexible Medical Cable



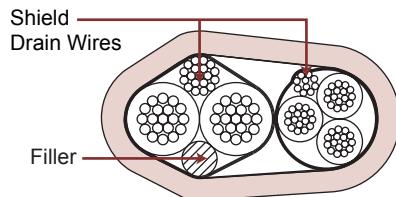
Flexible matte finished jacket
Ultra-flexible stranded copper
40 AWG braid

Special Telco Cable



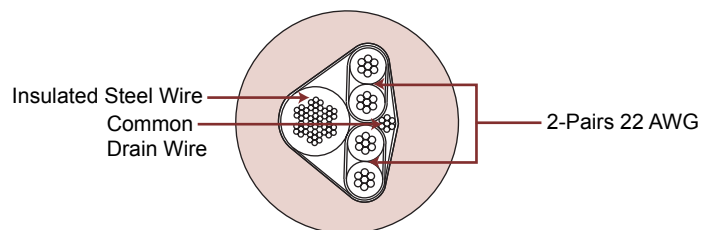
24 AWG pairs with foam insulation
Isolated foil shields
Impedance 100 ohms

Oval Composite Cable



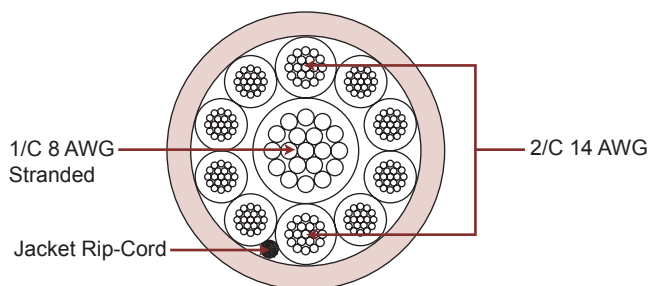
Oval construction saves space
Isolated polyester/foil shields
3/C 18 AWG shielded group
2/C 14 AWG shielded group

Underwater Towed Sensor Cable



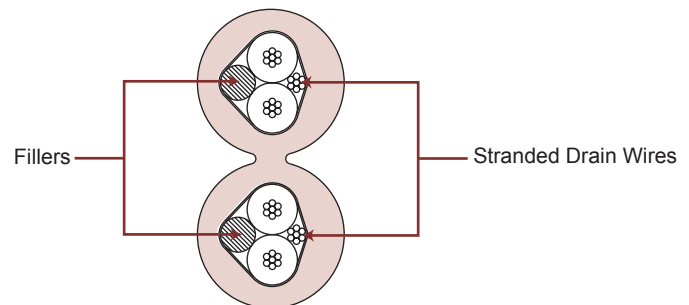
Pairs with common foil shields
Rope-stranded steel strength member
Pressure extruded polyurethane jacket

Composite Scoreboard Cable



8 AWG for power/grounding
Core design for round, flexible cable without fillers
2/C 14 AWG and 8/C 16 AWG

Digital Audio Cable



2-pairs 26 AWG foam insulated
Foil shields bonded to jacket
110 Ohm impedance
Pressured PVC "zip-cord" jacket

Contact us to design and manufacture your next custom cable requirement. Our unique "Integra-Design" process enables Quabbin to quickly respond at either the OEM equipment or system level. This is a paperless procedure that fully integrates the design of the cable and the development of the manufacturing process. The benefits are quick, accurate prototype delivery and a smooth transition to full-scale production without compromising the design.

