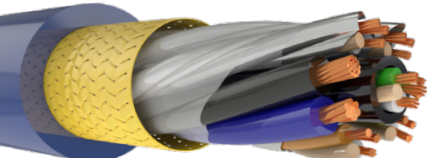
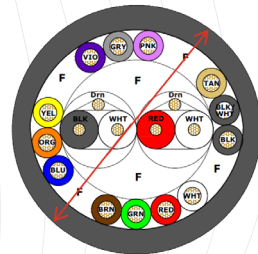



Engineered for Harsh Environments

Over 65 years of experience in engineering custom cables and connectors for demanding environments, be it land, water, air, or space. We deliver high-performance custom cables where reliability, durability, and compliance are critical.

One of our specializations is in cables used in Obstruction Lighting – cell phone towers, wind farms, cranes, utilities, any place your lights have to shine, we can get power to your outdoor infrastructure and withstand the elements.



Internal Components for Custom Designs	Jacket Material Examples	Custom Shape & Layout	Additional Specs
<div><div><div>Signal</div><ul style="list-style-type: none">Ethernet (CAT6)Fiber OpticsCOAXTwisted Pairs, Quads</div><div><div>Shielding</div><ul style="list-style-type: none">Foil ShieldBraid</div><div><div>Power</div><ul style="list-style-type: none">Gauges 30 to 2/0Up to 5kv</div></div> <div></div> <div><div>Strength Members</div><ul style="list-style-type: none">KevlarSteel WireFiber RodKevlar Ropes & Braids<div>Other Items</div><ul style="list-style-type: none">Air LinesCooling LinesHeating ElementsBraid ArmoringCustomized ColorsCustomized Print & Marking</div>	<div><div>Jacket Types</div><ul style="list-style-type: none">TPUTPEPVCPPABSHYTRELCrosslinked POCrosslinked PE/PO<div>Jacket Qualities</div><ul style="list-style-type: none">Abrasion ResistanceChemical ResistanceImpact ResistanceFlame RetardanceUV Resistance</div> <div><div>FEP</div><div>TEFZEL</div><div>FEP/Tefzel</div><div>Poly Urethane</div><div>Poly Ethylene</div><div>Poly Propylene</div></div>	<div><div>Diameter Width Range: Min: 0.125 in. Max: 2.5 in.</div></div>	<div><div>Temperature Range</div><div>-67°F to +320°F (-55°C to +160°C)</div><div>Hardness Range</div><div>60 Shore A to 80 Shore D</div><div>Flexibility Range</div><div>High Flex Robotics to Rigid Pushrods</div><div>RoHS Compliance</div><div>Reach Compliance</div><div>Mil-Spec Compliance</div><div>UL & CSA Ratings</div><div></div></div>

A variety of in-house electrical and mechanical testing per customer needs.

Why Teledyne Interconnect Solutions?

Precision Termination & Overmolding: Our cables are engineered for extreme temperatures, UV exposure, moisture, and vibration—ideal for tower lighting systems and outdoor industrial installations.

Compliance-Ready Designs: We support FAA, ICAO, and FCC lighting standards with surge-resistant, EMI-shielded assemblies that ensure reliable operation in aviation obstruction and safety lighting.

Custom Cable Assemblies for Your Application: Choose from a wide range of jacket materials, conductor sizes (30 AWG to 2/0), and signal types (Ethernet, fiber, COAX) to match your system's needs.

Power and Signal You Can Trust: From high-voltage power to low-voltage control, we deliver clean, stable performance with shielding that blocks interference and keeps your monitoring systems accurate.

Flame-Retardant and UV Resistant: Safety is non-negotiable. Our cables meet flame-resistance standards to protect your infrastructure and personnel and are UV resistant to survive a lifetime in the sun

Rapid Prototyping: We move fast. Whether you need a few units for testing or a full production run, we deliver with speed and flexibility.

End-to-End Support: From design consultation to final testing, we partner with you to ensure your lighting systems stay lit, safe, and compliant.

Certifications & Standards:



Interconnect Solutions
Teledyne Cable Solutions

www.teledynmarine.com/cable-solutions

9215 Premier Row, Dallas, TX 75247

Tel: +1 214 637 1381 | Email: tis@teledyne.com

© Teledyne Marine 2025. Proprietary, all rights reserved. Rev. 11/2025



Learn More Online