

## Insulation Displacement Connectors (IDC)

For discrete wire splicing of solid copper wire, you can depend on the U-series from Cynwyd. Over one billion connectors have been produced and successfully deployed by our customers.

Cynwyd carries a variety of popular U-series connectors, from the original UR1 to the versatile UR2, the compact UY1 and UY2, as well as the UG tap connector. Other types are available by special order.

### Proven reliability

Over 40 years of service in billions of applications around the world have proven the reliability of IDC technology. Cynwyd U-series connectors are approved and used by several leading international telecom operators for over ten years.

### Proven features / benefits

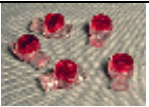







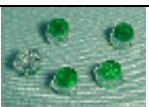

- Compact size / reduced splice bundle
- Cold solder-equivalent connection
- Moisture/corrosion resistance
- Full wire range (19-26 AWG)
- Polypropylene for solvent resistant shell



### Specifications

Cynwyd U-series connectors feature premium materials, assuring long-term performance under varying climactic conditions. Different wire sizes may be intermixed on connections.

- Sealant-filled for moisture / corrosion resistance
- Polypropylene/ polycarbonate outer shell
- Brass connector elements
- Hydrocarbon-based sealant – non-carcinogenic and non-toxic

	Part	Connection type	Wire range	Ports	Notes
	CW-UR1	Butt, 2/3 wire 	22-26 AWG (0.7 – 0.32 mm)	3	<ul style="list-style-type: none"> <li>• Polycarbonate shell</li> </ul>
	CW-UR2	Butt, 2/3 wire 	19-26 AWG (0.9 – 0.32 mm)	3	<ul style="list-style-type: none"> <li>• Polypropylene shell</li> <li>• Double metal element</li> </ul>
	CW-UY	Butt, 2 wire 	22-26 AWG (0.7 – 0.32 mm)	2	<ul style="list-style-type: none"> <li>• Polypropylene shell</li> <li>• Small size</li> </ul>
	CW-UY2	Butt, 2 wire 	19-26 AWG (0.9 – 0.32 mm)	2	<ul style="list-style-type: none"> <li>• Polypropylene shell</li> <li>• Double metal element</li> <li>• Small size</li> </ul>
	CW-UG	Tap 	19-26 AWG (0.9 – 0.32 mm)	2	<ul style="list-style-type: none"> <li>• Polycarbonate shell</li> <li>• Double metal element</li> </ul>

### About Cynwyd

Cynwyd provides low-voltage products for the security and electronics industries. For over sixteen years, Cynwyd has imported premium quality, affordably priced magnetic contacts, b-wire connectors, and RJ31X blocks/cords. Several of the Top 10 largest security installers rely on Cynwyd products. Our products are available through select distributors across North America.