

# ix Industrial® in-line cable jack



Description	Links to Other Materials
ix Industrial® in-line jack and Panel Feed Through solution Type A for ethernet applications as well as Type B for signals and serial bus systems.	<ul style="list-style-type: none"><li>ix Industrial ® in-line cable jack e-Shop:<ul style="list-style-type: none"><li>ix Industrial in-line jack type A: <a href="#">09451812569XL</a></li><li>ix Industrial in-line jack type B: <a href="#">09451819009XL</a></li></ul></li></ul>

Specs	
<ul style="list-style-type: none"><li>Type A (Ethernet) and Type B (Signal) Interfaces</li><li>Transmission: Cat. 6<sub>A</sub> Class E<sub>A</sub> up to 500 MHz (Type A)</li><li>Data Rate: 10 Mbit/s to 10 Gbit/s (Type A)</li><li>Rated Current: 1.5A, Rated Voltage: 50 V AC , 60 V DC<ul style="list-style-type: none"><li>3 A per contact when used with 4 contacts (type B)</li></ul></li></ul>	<ul style="list-style-type: none"><li>Operating Temp: -40° to +85°C</li><li>Insertion / Withdrawal Force: ≤ 25 N</li><li>IP Rating: IP20</li><li>Mating Cycles: ≥ 5,000</li><li>IEC 61076-3-124 &amp; EN 45545-2</li><li>UL 1977 ECBT2.E102079</li></ul>

Markets	
<ul style="list-style-type: none"><li>Data Centers</li><li>Machinery</li><li>Robotics</li><li>Medical</li></ul>	<ul style="list-style-type: none"><li>Automation</li><li>Aerospace</li><li>Transportation</li></ul>

Applications	
<ul style="list-style-type: none"><li>Control Cabinets</li><li>Electrical Enclosures</li><li>Industrial Robot Arms</li><li>Industrial Cameras</li></ul>	<ul style="list-style-type: none"><li>Server Racks</li><li>HMI</li><li>Handheld Devices</li></ul>

Feature	Advantage	Benefit
<ul style="list-style-type: none"><li>Two functions: in-line and PFT connection</li></ul>	<ul style="list-style-type: none"><li>More cable routing options</li></ul>	<ul style="list-style-type: none"><li>Desing and wiring flexibility</li><li>pace saving and a simpler wiring between devices at a distance</li></ul>
<ul style="list-style-type: none"><li>Stepped cover design</li></ul>	<ul style="list-style-type: none"><li>Accommodates panel thicknesses of 1.5mm and 2.0mm</li></ul>	<ul style="list-style-type: none"><li>High design flexibility</li></ul>
<ul style="list-style-type: none"><li>Miniaturization</li></ul>	<ul style="list-style-type: none"><li>70% space saving compared to RJ45</li></ul>	<ul style="list-style-type: none"><li>High density panel designs</li></ul>