




RJ45  
RJ Industrial

## HARTING RJ Industrial® system cable RJ45, 4-wire, IP20 RJ45 patch cords for switch cabinet or PLC

Description	Part number		Technical characteristics
	Standard	Multiport	
<p>For the cabling of Industrial Ethernet networks (for example in accordance with the PROFINET guideline), based on RJ45 connectors.</p> <p>Wiring: Contacts RJ45 1/2 and 3/6</p>			<p>Transmission properties in accordance with ISO/IEC 11 801:2002: Class D</p> <p>Mating face: 2 x RJ45 in acc. with IEC 60 603-7</p> <p>Protection level: IP20 (if mated)</p> <p>Temperature range -40 °C ... +70 °C</p> <p><b>Electrical characteristics at 20 °C</b></p> <p>Contact resistance: ≤ 20 mΩ</p> <p>Insulation resistance: ≥ 500 MΩ</p> <p>Dielectric withstanding voltage: contact - contact 1 kV contact - ground 1.5 kV</p> <p><b>Electrical characteristics after damp heat cycles</b></p> <p>Contact resistance: ≤ 20 mΩ</p> <p>Insulation resistance: ≥ 100 MΩ</p> <p>Dielectric withstanding voltage: contact - contact 1 kV contact - ground 1.5 kV</p>
<p><b>HARTING RJ Industrial® system cable RJ45, 4-wire Type A</b></p>  <p>Length 1.5 m Length 3.0 m Length 5.0 m Length 10.0 m Length 20.0 m</p>	<p>09 45 771 0023 09 45 771 0025 09 45 771 0027 09 45 771 0051 09 45 771 0053</p>	<p>09 47 343 4006 09 47 343 4009 09 47 343 4012 09 47 343 4018 09 47 343 4020</p>	<p>Cable type: Industrial Ethernet Standard Cable, 2 x 2 x AWG 22/1, double shielding (PROFINET Typ A)</p> <p>Sheath: PVC green, Ø 6.5 mm</p> <p>Connectors: 2 x HARTING RJ Industrial® IP20 Data with overmolded housings</p>
<p><b>HARTING RJ Industrial® system cable RJ45, 4-wire Type B</b></p>  <p>Length 1.5 m Length 3.0 m Length 5.0 m Length 10.0 m Length 20.0 m</p>	<p>09 45 771 1123 09 45 771 1125 09 45 771 1127 09 45 771 1151 09 45 771 1153</p>	<p>09 47 343 4034 09 47 343 4037 09 47 343 4040 09 47 343 4046 09 47 343 4048</p>	<p>Cable type: Industrial Ethernet Stranded Cable, 2 x 2 x AWG 22/7, double shielding (PROFINET Typ B)</p> <p>Sheath: PVC green, Ø 6.5 mm</p> <p>Connectors: 2 x HARTING RJ Industrial® IP20 Data with overmolded housings</p>
<p><b>HARTING RJ Industrial® system cable RJ45, 4-wire Type C</b></p>  <p>Length 1.5 m Length 3.0 m Length 5.0 m Length 10.0 m Length 20.0 m</p>	<p>09 45 771 1164 09 45 771 1166 09 45 771 1168 09 45 771 1173 09 45 771 1175</p>	<p>09 47 343 4090 09 47 343 4093 09 47 343 4096 09 47 343 4102 09 47 343 4104</p>	<p>Cable type: Industrial Ethernet Trailing Cable, 2 x 2 x AWG 22/7, double shielding (PROFINET Typ C)</p> <p>Sheath: PUR green, Ø 6.5 mm</p> <p>Connectors: 2 x HARTING RJ Industrial® IP20 Data with overmolded housings</p>