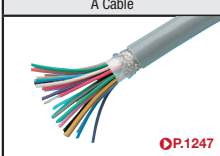
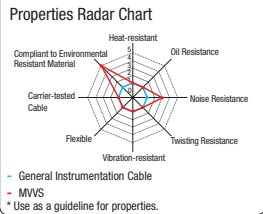
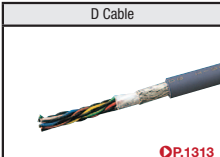
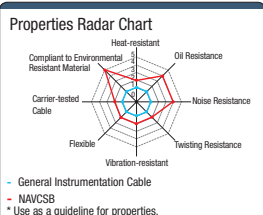
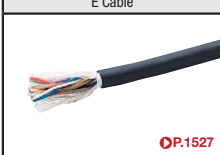
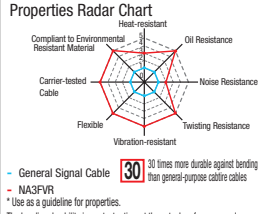


## Cable Specification

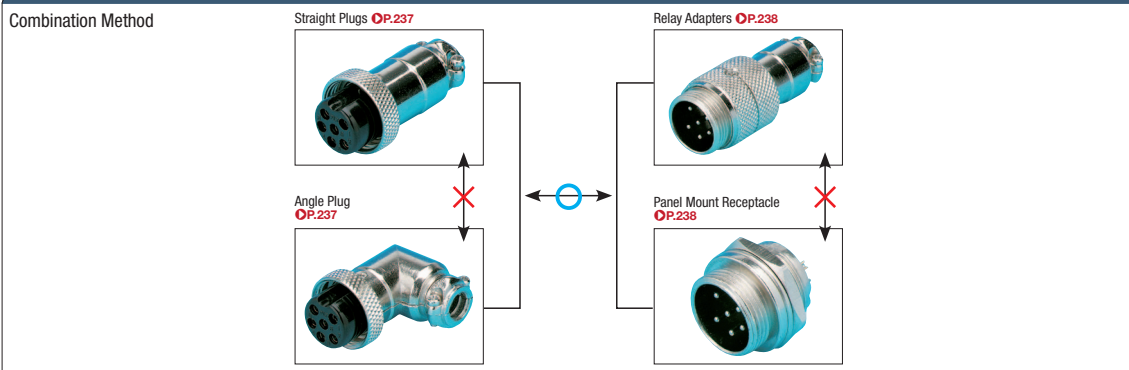
Cable																	
 <p><b>A Cable</b></p> <p><b>OP.1247</b></p>	<p><b>Properties Radar Chart</b></p>  <p>Compliant to Environmental Resistant Material</p> <p>Carrier-tested Cable</p> <p>Flexible</p> <p>Vibration-resistant</p> <p>Heat-resistant</p> <p>Oil Resistance</p> <p>Noise Resistance</p> <p>Twisting Resistance</p> <ul style="list-style-type: none"> <li>- General Instrumentation Cable</li> <li>- MVVS</li> <li>* Use as a guideline for properties.</li> </ul>																
<table border="1"> <tr> <th>Section Area</th> <th>Number of Cores</th> </tr> <tr> <td>0.18mm<sup>2</sup> (AWG25)</td> <td>2, 3, 4, 5, 6, 8</td> </tr> </table>	Section Area	Number of Cores	0.18mm <sup>2</sup> (AWG25)	2, 3, 4, 5, 6, 8	<p><b>Main Specifications</b></p> <table border="1"> <tr> <td>Sheath Color</td> <td>Gray</td> </tr> <tr> <td>Standard Acquired</td> <td>Part of MVVS: PSE</td> </tr> <tr> <td>Rated Voltage</td> <td>For Weak Current Circuit V</td> </tr> <tr> <td>Operating Temperature Range</td> <td>-10 ~ 60 °C</td> </tr> <tr> <td>Flame Retardance</td> <td>—</td> </tr> <tr> <td>Bending Radius Finished Outer Diameter (mm)</td> <td>8 (Fixed Parts) / — (Moving Parts)</td> </tr> </table> <p>* This is a recommended value, not a guaranteed value</p> <p>* Caution Products having 5 cores or more will be rated 300 V at conductor 0.75 mm<sup>2</sup> or more.</p>	Sheath Color	Gray	Standard Acquired	Part of MVVS: PSE	Rated Voltage	For Weak Current Circuit V	Operating Temperature Range	-10 ~ 60 °C	Flame Retardance	—	Bending Radius Finished Outer Diameter (mm)	8 (Fixed Parts) / — (Moving Parts)
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 <p><b>D Cable</b></p> <p><b>OP.1313</b></p>	<p><b>Properties Radar Chart</b></p>  <p>Compliant to Environmental Resistant Material</p> <p>Carrier-tested Cable</p> <p>Flexible</p> <p>Vibration-resistant</p> <p>Heat-resistant</p> <p>Oil Resistance</p> <p>Noise Resistance</p> <p>Twisting Resistance</p> <ul style="list-style-type: none"> <li>- General Instrumentation Cable</li> <li>- NAVCSB</li> <li>* Use as a guideline for properties.</li> </ul>																
<table border="1"> <tr> <th>Section Area</th> <th>Number of Cores</th> </tr> <tr> <td>0.2 mm<sup>2</sup> (AWG25)</td> <td>2, 3, 4, 5, 6, 8</td> </tr> </table>	Section Area	Number of Cores	0.2 mm <sup>2</sup> (AWG25)	2, 3, 4, 5, 6, 8	<p><b>Main Specifications</b></p> <table border="1"> <tr> <td>Sheath Color</td> <td>Navy</td> </tr> <tr> <td>Standard Acquired</td> <td>ULAWM2576/ULAWM2095</td> </tr> <tr> <td>Rated Voltage</td> <td>150/300 V</td> </tr> <tr> <td>Operating Temperature Range</td> <td>-20 ~ 80 °C</td> </tr> <tr> <td>Flame Retardance</td> <td>VW-1</td> </tr> <tr> <td>Bending Radius Finished Outer Diameter (mm)</td> <td>6 (Fixed Parts) / — (Moving Parts)</td> </tr> </table> <p>* This is a recommended value, not a guaranteed value</p> <p>[Features] ULAWM2095 (300 V 80°C) ULAWM2576 (150 V 80°C)</p>	Sheath Color	Navy	Standard Acquired	ULAWM2576/ULAWM2095	Rated Voltage	150/300 V	Operating Temperature Range	-20 ~ 80 °C	Flame Retardance	VW-1	Bending Radius Finished Outer Diameter (mm)	6 (Fixed Parts) / — (Moving Parts)
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 <p><b>E Cable</b></p> <p><b>OP.1527</b></p>	<p><b>Properties Radar Chart</b></p>  <p>Compliant to Environmental Resistant Material</p> <p>Carrier-tested Cable</p> <p>Flexible</p> <p>Vibration-resistant</p> <p>Heat-resistant</p> <p>Oil Resistance</p> <p>Noise Resistance</p> <p>Twisting Resistance</p> <ul style="list-style-type: none"> <li>- General Signal Cable</li> <li>- NASFR</li> <li>- NAVCSB</li> <li>* Use as a guideline for properties.</li> </ul> <p><b>30</b> times more durable against bending than general-purpose cable cables. The bending durability is our test ratio, not the actual performance value.</p>																
<table border="1"> <tr> <th>Section Area</th> <th>Number of Cores</th> </tr> <tr> <td>0.2 mm<sup>2</sup> (AWG25)</td> <td>2, 3, 4, 5, 6, 8</td> </tr> </table>	Section Area	Number of Cores	0.2 mm <sup>2</sup> (AWG25)	2, 3, 4, 5, 6, 8	<p><b>Main Specifications</b></p> <table border="1"> <tr> <td>Sheath Color</td> <td>Black</td> </tr> <tr> <td>Standard Acquired</td> <td>ULAWM2517/ULAWM2103</td> </tr> <tr> <td>Rated Voltage</td> <td>300 V</td> </tr> <tr> <td>Operating Temperature Range</td> <td>0 ~ 105 °C</td> </tr> <tr> <td>Flame Retardance</td> <td>VW-1</td> </tr> <tr> <td>Bending Radius Finished Outer Diameter (mm)</td> <td>4 (Fixed Parts) / 7.5 (Movable Parts)</td> </tr> </table> <p>* This is a recommended value, not a guaranteed value</p>	Sheath Color	Black	Standard Acquired	ULAWM2517/ULAWM2103	Rated Voltage	300 V	Operating Temperature Range	0 ~ 105 °C	Flame Retardance	VW-1	Bending Radius Finished Outer Diameter (mm)	4 (Fixed Parts) / 7.5 (Movable Parts)
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## Electrical Properties

Number of Cores	Connector		A Cable			D Cable			E Cable		
	Rated Current (A or less)	Rated Voltage (V or less)	Section Area	Rated Voltage	Allowable Current A (30°C)	Section Area	Rated Voltage	Allowable Current A (30°C)	Section Area	Rated Voltage	Allowable Current A (30°C)
2	5	125	0.18mm <sup>2</sup> (AWG25)	Less than 100V	1.22	AWG25 (0.2 mm <sup>2</sup> )	150V	4.3	0.2mm <sup>2</sup> (AWG25)	300V	6
3					1.04			3.8			5
4					0.94			3.3			4
5					0.88			2.8			
6					0.84			2.5			
8	0.79										

\* The values are reference values, not guaranteed values.

**Combination Method**



Straight Plugs **OP.237**

Relay Adapters **OP.238**

Angle Plug **OP.237**

Panel Mount Receptacle **OP.238**

\* Straight plug and angle plug have only female contacts. Also the adapter for the panel mounting receptacle and the relay has male contacts.

- MS Connector Included Cable
- MS Connector Included Cable (Drip-proof)
- JL04 Connector Included Cable
- JL05 Connector Included Cable
- NGS Connector Included Cable
- NJC Connector Included Cable
- NJW Connector Included Cable
- NR Connector Included Cable
- NRW Connector Included Cable
- NET Connector Included Cable
- PRC04 Connector Included Cable
- PRC03 Connector Included Cable
- PRC05 Connector Included Cable
- R03 Connector Included Cable
- R04 Connector Included Cable
- PLT Connector Included Cable
- HR10A Connector Included Cable
- XS2 Connector Included Cable
- DIN / Mini-DIN Connector Included Cable