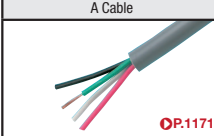
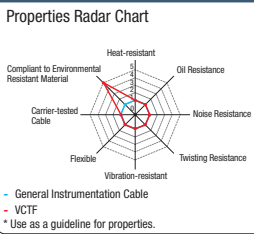
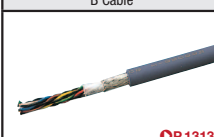
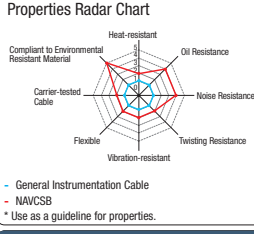
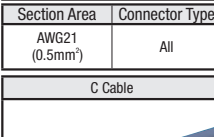
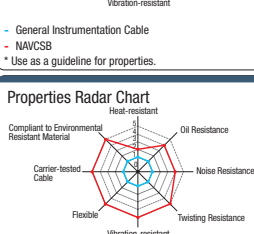
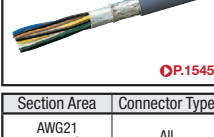
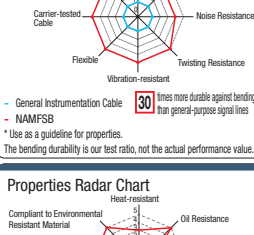


## Cable Specification

		Cable										
<b>A Cable</b>  <p>OP-1171</p>		<b>Properties Radar Chart</b>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant</p> <ul style="list-style-type: none"> <li>- General Instrumentation Cable</li> <li>- VCTF</li> <li>* Use as a guideline for properties.</li> </ul>				<b>Main Specifications</b> Sheath Color: Gray Standard Acquired: PSE Law (With Exceptions) Rated Voltage: 300 V Operating Temperature Range: -10 ~ 80 °C Flame Retardance: - Bending Radius Firsted Outer Diameter (mm): 6 (Fixed Parts), - (Moving Parts) * This is a recommended value, not a guaranteed value [* Please note] Rated voltage when using with 0.3 or 0.5 mm <sup>2</sup> will be less than 100 V.						
Section Area	Connector Type											
0.5mm <sup>2</sup>	20-12, 24-16											
1.25mm <sup>2</sup>	20-4 ~ 7, 24-10											
2mm <sup>2</sup>	20-2 ~ 3, 24-4											
<b>B Cable</b>  <p>OP-1313</p>		<b>Properties Radar Chart</b>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant</p> <ul style="list-style-type: none"> <li>- General Instrumentation Cable</li> <li>- NAVCSB</li> <li>* Use as a guideline for properties.</li> </ul>				<b>Main Specifications</b> Sheath Color: Navy Standard Acquired: ULAWM2576/ULAWM2095 Rated Voltage: 150/300 V Operating Temperature Range: -20 ~ 80 °C Flame Retardance: VW-1 Bending Radius Firsted Outer Diameter (mm): 6 (Fixed Parts), - (Moving Parts) * This is a recommended value, not a guaranteed value [Features] ULAWM2095 (300 V 80°C) ULAWM2576 (150 V 80°C)						
Section Area	Connector Type											
AWG21 (0.5mm <sup>2</sup> )	All											
<b>C Cable</b>  <p>OP-1545</p>		<b>Properties Radar Chart</b>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant</p> <ul style="list-style-type: none"> <li>- General Instrumentation Cable</li> <li>- NAMFSB</li> <li>* Use as a guideline for properties.</li> </ul> <p>30 times more durable against bending than general-purpose signal lines The bending durability is our test ratio, not the actual performance value.</p>				<b>Main Specifications</b> Sheath Color: Navy Standard Acquired: ULAWM2576 Rated Voltage: 150 V Operating Temperature Range: -20 ~ 80 °C Flame Retardance: VW-1 Bending Radius Firsted Outer Diameter (mm): 6 (Fixed Parts), 6 (Moving Parts) * This is a recommended value, not a guaranteed value						
Section Area	Connector Type											
AWG21 (0.5mm <sup>2</sup> )	All											
<b>D Cable</b>  <p>OP-1469</p>		<b>Properties Radar Chart</b>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant</p> <ul style="list-style-type: none"> <li>- NASUCR</li> <li>- General Signal Cable</li> <li>* Use as a guideline for properties.</li> </ul> <p>35 times more durable against bending than 30V general-purpose cable cables The bending durability is our test ratio, not the actual performance value.</p>				<b>Main Specifications</b> Sheath Color: Navy Standard Acquired: ULAWM2517 / c-UL / CE Compliant Rated Voltage: 300 / CE: 300 / 500 V Operating Temperature Range: -20 ~ 105 °C Flame Retardance: VW-1 Bending Radius Firsted Outer Diameter (mm): 6 (Fixed Parts), 6 (Moving Parts) * This is a recommended value, not a guaranteed value						
Section Area	Connector Type											
AWG20 (0.5mm <sup>2</sup> )	20-12, 24-16											
AWG16 (1.25 mm <sup>2</sup> )	20-4 ~ 7, 24-10											
AWG14 (2mm <sup>2</sup> )	20-2 ~ 3, 24-4											

## Electrical Properties

Connector Type (Shell Size - Number of Cores)	Connector		A Cable			B Cable			C Cable			D 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)	Section Area	Rated Voltage	Allowable Current A (30°C)		
20-2	15	250	2.0mm <sup>2</sup> (AWG14)	300V	17	AWG21 (0.5 mm <sup>2</sup> )	150V	8.8	AWG21 (0.5 mm <sup>2</sup> )	150V	9.6	AWG14 (2.0mm <sup>2</sup> )	300V	23		
20-3								6.8							7.4	19
20-4	10	250	1.25mm <sup>2</sup> (AWG16)	300V	12	AWG21 (0.5 mm <sup>2</sup> )	150V	5.7	AWG21 (0.5 mm <sup>2</sup> )	150V	6.3	AWG16 (1.25mm <sup>2</sup> )	300V	12		
20-5								5							5.5	9
20-7								3.9							5.5	8
20-12	5	250	0.5mm <sup>2</sup> (AWG20)	300V	3	AWG21 (0.5 mm <sup>2</sup> )	150V	3.9	AWG21 (0.5 mm <sup>2</sup> )	150V	4.3	AWG20 (0.5mm <sup>2</sup> )	300V	3		
24-4	15	250	2.0mm <sup>2</sup> (AWG14)	300V	17	AWG21 (0.5 mm <sup>2</sup> )	150V	6.8	AWG21 (0.5 mm <sup>2</sup> )	150V	7.4	AWG14 (2.0mm <sup>2</sup> )	300V	16		
24-10	10	250	1.25mm <sup>2</sup> (AWG16)	300V	6	AWG21 (0.5 mm <sup>2</sup> )	150V	4.7	AWG21 (0.5 mm <sup>2</sup> )	150V	5.1	AWG16 (1.25mm <sup>2</sup> )	300V	7		
24-16	5	250	0.5mm <sup>2</sup> (AWG20)	300V	3	AWG21 (0.5 mm <sup>2</sup> )	150V	3.5	AWG21 (0.5 mm <sup>2</sup> )	150V	3.8	AWG20 (0.5mm <sup>2</sup> )	300V	3		

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