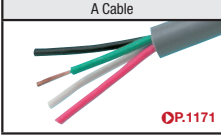
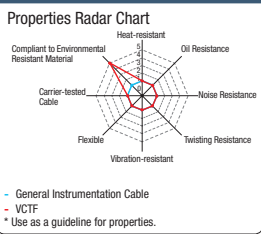
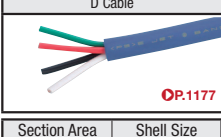
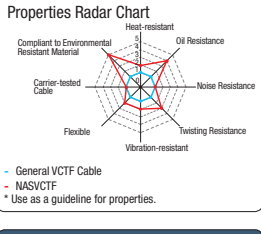
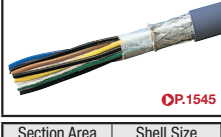
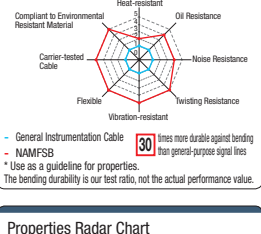
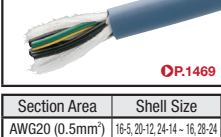
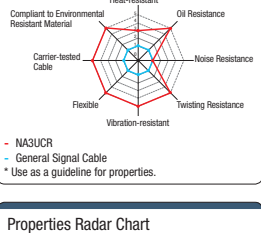
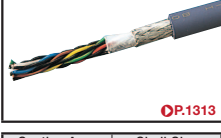
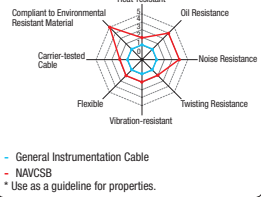


Components Used

Cable																			
 <p>OP.1171</p>		<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant Twisting Resistance Noise Resistance Oil Resistance Heat-resistant</p> <ul style="list-style-type: none"> - General Instrumentation Cable - VCTF * Use as a guideline for properties. 				<p>Main Specifications</p> <p>Sheath Color: Gray Standard Acquired: PSE Law (With Exceptions) Rated Voltage: 300 V Operating Temperature Range: -10 ~ 60 °C Flame Retardance: - Bending Radius Finest Outer Diameter (mm): 6 (Fixed Parts), - (Moving Parts)</p> <p>* This is a recommended value, not a guaranteed value [* Please note] Rated voltage when using with 0.3 or 0.5 mm² will be less than 100 V.</p>				<table border="1"> <thead> <tr> <th>Section Area</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr> <td>0.5 mm² (AWG20)</td> <td>16-5, 20-12, 24-14 ~ 16, 28-24</td> </tr> <tr> <td>1.25 mm² (AWG16)</td> <td>16-3, 20-4 ~ 7, 24-10, 28-16</td> </tr> <tr> <td>2.0 mm² (AWG14)</td> <td>20-3, 24-4 ~ 5</td> </tr> </tbody> </table>		Section Area	Shell Size	0.5 mm ² (AWG20)	16-5, 20-12, 24-14 ~ 16, 28-24	1.25 mm ² (AWG16)	16-3, 20-4 ~ 7, 24-10, 28-16	2.0 mm ² (AWG14)	20-3, 24-4 ~ 5
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 <p>OP.1177</p>		<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant Twisting Resistance Noise Resistance Oil Resistance Heat-resistant</p> <ul style="list-style-type: none"> - General VCTF Cable - NASVCTF * Use as a guideline for properties. 				<p>Main Specifications</p> <p>Sheath Color: Navy Standard Acquired: PSE Law Rated Voltage: 300 V Operating Temperature Range: 0 ~ 75 °C Flame Retardance: - Bending Radius Finest Outer Diameter (mm): 6 (Fixed Parts), - (Moving Parts)</p> <p>* This is a recommended value, not a guaranteed value</p>				<table border="1"> <thead> <tr> <th>Section Area</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr> <td>0.5 mm² (AWG20)</td> <td>16-5, 20-12, 24-14 ~ 16, 28-24</td> </tr> <tr> <td>1.25 mm² (AWG16)</td> <td>16-3, 20-4 ~ 7, 24-10, 28-16</td> </tr> <tr> <td>2.0 mm² (AWG14)</td> <td>20-3, 24-4 ~ 5</td> </tr> </tbody> </table>		Section Area	Shell Size	0.5 mm ² (AWG20)	16-5, 20-12, 24-14 ~ 16, 28-24	1.25 mm ² (AWG16)	16-3, 20-4 ~ 7, 24-10, 28-16	2.0 mm ² (AWG14)	20-3, 24-4 ~ 5
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 <p>OP.1545</p>		<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant Twisting Resistance Noise Resistance Oil Resistance Heat-resistant</p> <p>30 (times more durable against bending than general-purpose signal lines)</p> <p>The bending durability is our test ratio, not the actual performance value.</p> <ul style="list-style-type: none"> - General Instrumentation Cable - NAMFSB * Use as a guideline for properties. 				<p>Main Specifications</p> <p>Sheath Color: Navy Standard Acquired: ULAWM2576 Rated Voltage: 150 V Operating Temperature Range: -20 ~ 80 °C Flame Retardance: WW-1 Bending Radius Finest Outer Diameter (mm): 6 (Fixed Parts), 6 (Moving Parts)</p> <p>* This is a recommended value, not a guaranteed value</p>				<table border="1"> <thead> <tr> <th>Section Area</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr> <td>AWG25 (0.2mm²)</td> <td>All</td> </tr> </tbody> </table>		Section Area	Shell Size	AWG25 (0.2mm ²)	All				
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 <p>OP.1469</p>		<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant Twisting Resistance Noise Resistance Oil Resistance Heat-resistant</p> <ul style="list-style-type: none"> - NAUCR - General Signal Cable * Use as a guideline for properties. 				<p>Main Specifications</p> <p>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: WW-1 Bending Radius Finest Outer Diameter (mm): 6 (Fixed Parts), 6 (Moving Parts)</p> <p>* This is a recommended value, not a guaranteed value</p>				<table border="1"> <thead> <tr> <th>Section Area</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr> <td>AWG20 (0.5mm²)</td> <td>16-5, 20-12, 24-14 ~ 16, 28-24</td> </tr> <tr> <td>AWG16 (1.25 mm²)</td> <td>16-3, 20-4 ~ 7, 24-10, 28-16</td> </tr> <tr> <td>AWG14 (2.0 mm²)</td> <td>20-3, 24-4 ~ 5</td> </tr> </tbody> </table>		Section Area	Shell Size	AWG20 (0.5mm ²)	16-5, 20-12, 24-14 ~ 16, 28-24	AWG16 (1.25 mm ²)	16-3, 20-4 ~ 7, 24-10, 28-16	AWG14 (2.0 mm ²)	20-3, 24-4 ~ 5
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 <p>OP.1313</p>		<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant Twisting Resistance Noise Resistance Oil Resistance Heat-resistant</p> <ul style="list-style-type: none"> - General Instrumentation Cable - NAVCSB * Use as a guideline for properties. 				<p>Main Specifications</p> <p>Sheath Color: Navy Standard Acquired: ULAWM2576/ULAWM2095 Rated Voltage: 150/300 V Operating Temperature Range: -20 ~ 80 °C Flame Retardance: WW-1 Bending Radius Finest Outer Diameter (mm): 6 (Fixed Parts), - (Moving Parts)</p> <p>* This is a recommended value, not a guaranteed value</p> <p>[Features] ULAWM2095 (300 V 80°C) ULAWM2576 (150 V 80°C)</p>				<table border="1"> <thead> <tr> <th>Section Area</th> <th>Shell Size</th> </tr> </thead> <tbody> <tr> <td>AWG25 0.2mm²</td> <td>All</td> </tr> </tbody> </table>		Section Area	Shell Size	AWG25 0.2mm ²	All				
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Electrical Properties

Connector Type (Shell Size - Number of Cores)	Connector		A Cable			D Cable			E Cable			F Cable			G 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)	Section Area	Rated Voltage	Allowable Current A (30°C)
16-3	10	125	1.25 mm ² (AWG16)	300V	12	1.25 mm ² (AWG16)	300V	9	AWG25 (0.2 mm ²)	150V	4.1	AWG16 (1.25 mm ²)	300V	AWG25 (0.2 mm ²)	150V	13	3.8
16-5	5		0.5 mm ² (AWG20)		4	0.5 mm ² (AWG20)		2			3.1	AWG20 (0.5 mm ²)				5	2.8
20-3	15		2.0 mm ² (AWG14)		17	2.0 mm ² (AWG14)		13			4.1	AWG14 (2.0 mm ²)				19	3.8
20-4	10		1.25 mm ² (AWG16)		12	1.25 mm ² (AWG16)		8			1.25 mm ² (1.25 mm ²)	3.7				12	3.3
20-5	10				8			6				3.1					2.8
20-7	10		0.5 mm ² (AWG20)		7	0.5 mm ² (AWG20)		6			0.5 mm ² (0.5 mm ²)	2.7				8	2.5
20-12	5				3			2				2.1					1.9
24-4	15		2.0 mm ² (AWG14)		17	2.0 mm ² (AWG14)		11			2.0 mm ² (2.0 mm ²)	3.7				16	3.3
24-5	15				10			9				3.1					2.8
24-10	10		1.25 mm ² (AWG16)		6	1.25 mm ² (AWG16)		5			1.25 mm ² (1.25 mm ²)	2.5				7	2.3
24-14	5	3		1	2.1		1.9										
24-16	5	0.5 mm ² (AWG20)	3	0.5 mm ² (AWG20)	1	0.5 mm ² (0.5 mm ²)	1.9	3	1.9								
28-16	10		5		1		1.9		1.7								
28-24	5	1.25 mm ² (AWG16)	5	1.25 mm ² (AWG16)	4	1.25 mm ² (1.25 mm ²)	1.9	5	1.7								
			0.5 mm ² (AWG20)		3		0.5 mm ² (AWG20)		1	0.5 mm ² (0.5 mm ²)	2	1.4					

* The values are reference values, not guaranteed values.