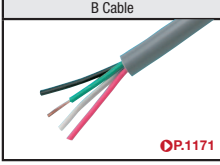
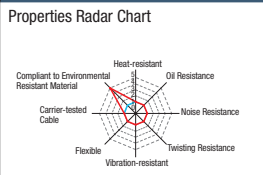
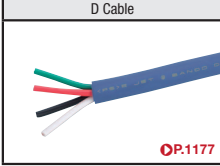
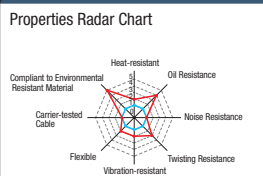
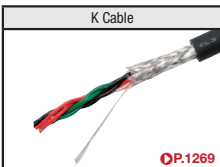
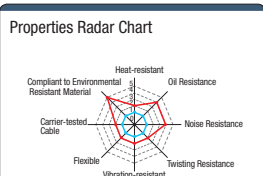


Cable Specification

Cable															
 <p>B Cable</p> <p>OP.1171</p>															
<table border="1"> <thead> <tr> <th>Section Area</th> <th>Connector Type</th> </tr> </thead> <tbody> <tr> <td>0.5 mm² (AWG20)</td> <td>A8, A9</td> </tr> <tr> <td>1.25 mm² (AWG16)</td> <td>A1 ~ 7, A10 ~ 14</td> </tr> </tbody> </table>	Section Area	Connector Type	0.5 mm ² (AWG20)	A8, A9	1.25 mm ² (AWG16)	A1 ~ 7, A10 ~ 14	<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant</p> <p>Heat-resistant Oil Resistance Noise Resistance Twisting Resistance</p> <p>- General Instrumentation Cable - VCT * Use as a guideline for properties.</p>								
Section Area	Connector Type														
0.5 mm ² (AWG20)	A8, A9														
1.25 mm ² (AWG16)	A1 ~ 7, A10 ~ 14														
<p>Main Specifications</p> <table border="1"> <tbody> <tr> <td>Sheath Color</td> <td>Gray</td> </tr> <tr> <td>Standard Acquired</td> <td>PSE Law (With Exceptions)</td> </tr> <tr> <td>Rated Voltage</td> <td>300 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 (Fixed Outer Diameter)</td> <td>6 (Fixed Parts)</td> </tr> <tr> <td>(mm)</td> <td>- (Moving Parts)</td> </tr> </tbody> </table> <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>		Sheath Color	Gray	Standard Acquired	PSE Law (With Exceptions)	Rated Voltage	300 V	Operating Temperature Range	-10 ~ 60 °C	Flame Retardance	-	Bending Radius (Fixed Outer Diameter)	6 (Fixed Parts)	(mm)	- (Moving Parts)
Sheath Color	Gray														
Standard Acquired	PSE Law (With Exceptions)														
Rated Voltage	300 V														
Operating Temperature Range	-10 ~ 60 °C														
Flame Retardance	-														
Bending Radius (Fixed Outer Diameter)	6 (Fixed Parts)														
(mm)	- (Moving Parts)														
 <p>D Cable</p> <p>OP.1177</p>															
<table border="1"> <thead> <tr> <th>Section Area</th> <th>Shell Type</th> </tr> </thead> <tbody> <tr> <td>0.75 mm² (AWG18)</td> <td>A5, A7</td> </tr> <tr> <td>1.25 mm² (AWG16)</td> <td>A3, A6</td> </tr> <tr> <td>2.0 mm² (AWG14)</td> <td>A1 ~ 2, A4, A10 ~ 14</td> </tr> </tbody> </table>	Section Area	Shell Type	0.75 mm ² (AWG18)	A5, A7	1.25 mm ² (AWG16)	A3, A6	2.0 mm ² (AWG14)	A1 ~ 2, A4, A10 ~ 14	<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant</p> <p>Heat-resistant Oil Resistance Noise Resistance Twisting Resistance</p> <p>- General VCTF Cable - NASVCTF * Use as a guideline for properties.</p>						
Section Area	Shell Type														
0.75 mm ² (AWG18)	A5, A7														
1.25 mm ² (AWG16)	A3, A6														
2.0 mm ² (AWG14)	A1 ~ 2, A4, A10 ~ 14														
<p>Main Specifications</p> <table border="1"> <tbody> <tr> <td>Sheath Color</td> <td>Navy</td> </tr> <tr> <td>Standard Acquired</td> <td>PSE Law</td> </tr> <tr> <td>Rated Voltage</td> <td>300 V</td> </tr> <tr> <td>Operating Temperature Range</td> <td>0 ~ 75 °C</td> </tr> <tr> <td>Flame Retardance</td> <td>-</td> </tr> <tr> <td>Bending Radius (Fixed Outer Diameter)</td> <td>6 (Fixed Parts)</td> </tr> <tr> <td>(mm)</td> <td>- (Moving Parts)</td> </tr> </tbody> </table> <p>* This is a recommended value, not a guaranteed value</p>		Sheath Color	Navy	Standard Acquired	PSE Law	Rated Voltage	300 V	Operating Temperature Range	0 ~ 75 °C	Flame Retardance	-	Bending Radius (Fixed Outer Diameter)	6 (Fixed Parts)	(mm)	- (Moving Parts)
Sheath Color	Navy														
Standard Acquired	PSE Law														
Rated Voltage	300 V														
Operating Temperature Range	0 ~ 75 °C														
Flame Retardance	-														
Bending Radius (Fixed Outer Diameter)	6 (Fixed Parts)														
(mm)	- (Moving Parts)														
 <p>K Cable</p> <p>OP.1269</p>															
<table border="1"> <thead> <tr> <th>Section Area</th> <th>Shell Type</th> </tr> </thead> <tbody> <tr> <td>AWG20 (0.5mm²)</td> <td>A1 ~ 5, A10, 11, 13</td> </tr> <tr> <td>AWG22 (0.3 mm²)</td> <td>A6, 8</td> </tr> <tr> <td>AWG24 (0.2 mm²)</td> <td>A7</td> </tr> </tbody> </table>	Section Area	Shell Type	AWG20 (0.5mm ²)	A1 ~ 5, A10, 11, 13	AWG22 (0.3 mm ²)	A6, 8	AWG24 (0.2 mm ²)	A7	<p>Properties Radar Chart</p>  <p>Compliant to Environmental Resistant Material Carrier-tested Cable Flexible Vibration-resistant</p> <p>Heat-resistant Oil Resistance Noise Resistance Twisting Resistance</p> <p>- General VCTF Cable - SSG3SB * Cable carrier test is assumed to be 4 or 5 from the specification. * Use as a guideline for properties.</p>						
Section Area	Shell Type														
AWG20 (0.5mm ²)	A1 ~ 5, A10, 11, 13														
AWG22 (0.3 mm ²)	A6, 8														
AWG24 (0.2 mm ²)	A7														
<p>Main Specifications</p> <table border="1"> <tbody> <tr> <td>Sheath Color</td> <td>Black</td> </tr> <tr> <td>Standard Acquired</td> <td>CL3, AWM2464</td> </tr> <tr> <td>Rated Voltage</td> <td>300 V</td> </tr> <tr> <td>Operating Temperature Range</td> <td>-15 ~ CL3: 90 (AWM: 80) °C</td> </tr> <tr> <td>Flame Retardance</td> <td>VW-1</td> </tr> <tr> <td>Bending Radius (Fixed Outer Diameter)</td> <td>8 (Fixed Parts)</td> </tr> <tr> <td>(mm)</td> <td>- (Moving Parts)</td> </tr> </tbody> </table> <p>* This is a recommended value, not a guaranteed value</p>		Sheath Color	Black	Standard Acquired	CL3, AWM2464	Rated Voltage	300 V	Operating Temperature Range	-15 ~ CL3: 90 (AWM: 80) °C	Flame Retardance	VW-1	Bending Radius (Fixed Outer Diameter)	8 (Fixed Parts)	(mm)	- (Moving Parts)
Sheath Color	Black														
Standard Acquired	CL3, AWM2464														
Rated Voltage	300 V														
Operating Temperature Range	-15 ~ CL3: 90 (AWM: 80) °C														
Flame Retardance	VW-1														
Bending Radius (Fixed Outer Diameter)	8 (Fixed Parts)														
(mm)	- (Moving Parts)														

Electrical Properties

Shell Type (Arrangement No. / Core No.)	Connector		B Cable			D Cable			K 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)								
		DC	AC																	
A1 (16-10 / 3-core)	23	700	500	1.25mm ² (AWG16)	300V	12	2.0mm ² (AWG14)	300V	13	AWG20 (0.5mm ²)	300V	6.1								
A2 (20-4 / 4-core)		1250	900										8							
A3 (22-10 / 4-core)	700	500	11																	
A4 (22-22 / 4-core)	46	700					500							6	0.75mm ² (AWG18)	3	4	AWG22 (0.3mm ²)	2	5.6
A5 (18-19 / 10-core)													12							
A6 (20-27 / 14-core)	13	700	500				0.5mm ² (AWG20)						6	5	—	—	—	—	—	
A7 (20-29 / 17-core)																				13
A8 (10-4 / 2-core)	23	700	500				1.25mm ² (AWG16)						6	12	2.0mm ² (AWG14)	300V	11	AWG20 (0.5mm ²)	300V	6.1
A9 (10-3 / 3-core)																				
A10 (18-10 / 4-core)	46	700	500				1.25mm ² (AWG16)						7	7	2.0mm ² (AWG14)	300V	8	AWG20 (0.5mm ²)	300V	4.5
A11 (20-15 / 7-core)																				
A12 (24-10 / 7-core)	23	700	500				1.25mm ² (AWG16)						7	7	2.0mm ² (AWG14)	300V	8	AWG20 (0.5mm ²)	300V	4.5
A13 (22-23 / 8-core)				23	6	—		—	—											
A14 (24-11 / 9-core)	23	700	500	1.25mm ² (AWG16)	6	6	2.0mm ² (AWG14)	300V	8	AWG20 (0.5mm ²)	300V	4.5								

* Shows the connector rated current values per connector.

* Please be aware that all of our earth terminals are constructed to conduct after being connected within the unit shell, but arrangement No. "24-10 (G)" has a panel mount that is not designed to conduct.

* The values are reference values, not guaranteed values.

MS
Connector
Included Cable

MS
Connector Included
Cable (Drip-proof)

JL04
Connector
Included Cable

JL05
Connector
Included Cable

NCS
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

HR10A
Connector
Included Cable

XS2
Connector
Included Cable

DIN / Mini DIN
Connector
Included Cable