

# R03 Connector Included Cable

More cables of different lengths are available through the website!!

1 Piece Unit

Connector Type	Shape Specification Type	Outline Image Drawing (Unit: mm)	Cable Type	Number of Cores	Specified Length (m)	Standard Unit Price			
						Basic Unit Price	Cable Unit Price / m		
						A Cable	D Cable	E Cable	F Cable
R03P TAJIMI ELECTRICS CO., LTD.	RPRT (Male Panel Mount) With Pin No. Insertion Mark Tube		A D E F	2	100				
				3					
				5					
				6					
				8					
				12					
	RSRT (Female Panel Mount) With Pin No. Insertion Mark Tube		For details, see P.899	2					
				3					
				5					
				6					
				8					
				12					
Cable Type		Cable Type		Number of Cores	Cable Unit Price / m				
					V Cable				
Connector OP.1095	RPT (Male Panel Mount)		V	2	100				
				3					
				5					
				6					
				8					
				12					
	RST (Female Panel Mount)		UL1007 (Single Wire) Blue AWG24 0.12mm <sup>2</sup>	2					
				3					
				5					
				6					
				8					
				12					

## Cable Specification

Cable			
A Cable	D Cable	E Cable	F Cable
OP.1247	OP.1313	OP.1527	OP.1529
Section Area: 0.18mm <sup>2</sup> (AWG25)	Section Area: AWG25 (0.2 mm <sup>2</sup> )	Section Area: 0.2 mm <sup>2</sup> (AWG25)	Section Area: 0.2 mm <sup>2</sup> (AWG25)
Number of Cores: 2, 3, 5, 6, 8, 12	Number of Cores: 2, 3, 5, 6, 8, 12	Number of Cores: 2, 3, 6, 12	Number of Cores: 2, 3, 6, 12
<b>Properties Radar Chart</b>	<b>Properties Radar Chart</b>	<b>Properties Radar Chart</b>	<b>Properties Radar Chart</b>
<ul style="list-style-type: none"> <li>Compliant to Environmental Resistant Material</li> <li>Heat-resistant</li> <li>Oil Resistance</li> <li>Noise Resistance</li> <li>Twisting Resistance</li> <li>Vibration-resistant</li> <li>Flexible</li> <li>Carrier-tested Cable</li> </ul>	<ul style="list-style-type: none"> <li>Compliant to Environmental Resistant Material</li> <li>Heat-resistant</li> <li>Oil Resistance</li> <li>Noise Resistance</li> <li>Twisting Resistance</li> <li>Vibration-resistant</li> <li>Flexible</li> <li>Carrier-tested Cable</li> </ul>	<ul style="list-style-type: none"> <li>Compliant to Environmental Resistant Material</li> <li>Heat-resistant</li> <li>Oil Resistance</li> <li>Noise Resistance</li> <li>Twisting Resistance</li> <li>Vibration-resistant</li> <li>Flexible</li> <li>Carrier-tested Cable</li> </ul>	<ul style="list-style-type: none"> <li>Compliant to Environmental Resistant Material</li> <li>Heat-resistant</li> <li>Oil Resistance</li> <li>Noise Resistance</li> <li>Twisting Resistance</li> <li>Vibration-resistant</li> <li>Flexible</li> <li>Carrier-tested Cable</li> </ul>
<ul style="list-style-type: none"> <li>- General Instrumentation Cable</li> <li>- MVWS</li> <li>* Use as a guideline for properties.</li> </ul>	<ul style="list-style-type: none"> <li>- General Instrumentation Cable</li> <li>- NAVCSB</li> <li>* Use as a guideline for properties.</li> </ul>	<ul style="list-style-type: none"> <li>- General Signal Cable</li> <li>- NA3FVR</li> <li>* Use as a guideline for properties.</li> <li>The bending durability is our test ratio, not the actual performance value.</li> </ul>	<ul style="list-style-type: none"> <li>- General Signal Cable</li> <li>- NA3FVRSB</li> <li>* Use as a guideline for properties.</li> <li>The bending durability is our test ratio, not the actual performance value.</li> </ul>
<b>Main Specifications</b>	<b>Main Specifications</b>	<b>Main Specifications</b>	<b>Main Specifications</b>
Sheath Color: Gray Standard Acquired: Part of MVWS: PSE Rated Voltage: For Weak Current Circuit V Operating Temperature Range: -10 ~ 60 °C Flame Retardance: - Bending Radius (Fixed Parts): 8 (mm) Bending Radius (Moving Parts): - (mm)	Sheath Color: Navy Standard Acquired: ULAWM2576/ULAWM2095 Rated Voltage: 150/300 V Operating Temperature Range: -20 ~ 80 °C Flame Retardance: WW-1 Bending Radius (Fixed Parts): 6 (mm) Bending Radius (Moving Parts): - (mm)	Sheath Color: Black Standard Acquired: ULAWM2517/ULAWM2103 Rated Voltage: 300 V Operating Temperature Range: 0 ~ 105 °C Flame Retardance: WW-1 Bending Radius (Fixed Parts): 4 (mm) Bending Radius (Moving Parts): 7.5 (mm)	Sheath Color: Black Standard Acquired: ULAWM2517/ULAWM2103 Rated Voltage: 300 V Operating Temperature Range: 0 ~ 105 °C Flame Retardance: WW-1 Bending Radius (Fixed Parts): 4 (mm) Bending Radius (Moving Parts): 7.5 (mm)
* This is a recommended value, not a guaranteed value.	* This is a recommended value, not a guaranteed value.	* This is a recommended value, not a guaranteed value.	* This is a recommended value, not a guaranteed value.
* Caution Products having 5 cores or more will be rated 300 V at conductor 0.75 mm <sup>2</sup> or more.	[Features] ULAWM2095 (300 V 80°C) ULAWM2576 (150 V 80°C)		

## Electrical Properties

Number of Cores	Connector			A Cable		D Cable		E Cable		F Cable			
	Rated Current (A or less)	Rated Voltage (V or less)		Section Area	Rated Voltage	Section Area	Rated Voltage	Section Area	Rated Voltage	Section Area	Rated Voltage		
2	2	AC	DC	0.18mm <sup>2</sup> (AWG25)	Less Than 100V	AWG25 (0.2 mm <sup>2</sup> )	150V	0.2mm <sup>2</sup> (AWG25)	300V	0.2mm <sup>2</sup> (AWG25)	300V		
3		1.22	4.3									6	6
5		1.04	3.8									5	5
6		0.88	2.8									4	4
8		0.84	2.5									4	4
12	0.79	1.9	4	4									
		0.71											

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

### Combination Method

\*When coupling, combine the male and female parts according to the ○ relationship.

- 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