

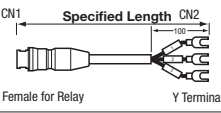
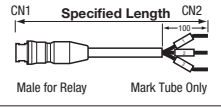
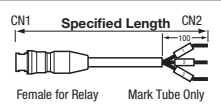
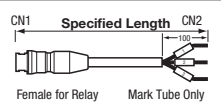
HR10A Connector Included Cable

Cables supporting more devices are available through the website!!

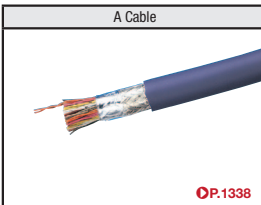
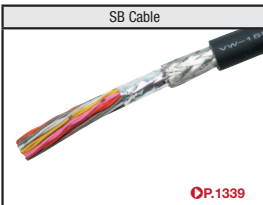
Standard Unit Price is produced by adding the "Basic Unit Price" and "Cable Unit Price x Required Meters" in the price list.

* When charges for alteration apply, the charges are added to the Standard Unit Price.

Basic Unit Price + Cable Price (Cable Unit Price x Required Meters) = Standard Unit Price 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 / SB Cable		
HR10AJ Hirose Electric Co., Ltd	JSY (Female for Relay / Y Terminal) With Pin No. Insertion Mark Tube		A NA28WSH AWG28, 30 V, Twisted Pair, UL / Soft 2 Layers Shield Navy Blue 4-core / 6-core (3P) 10-core / 12-core (6P)	4	0.2				
	JPT (Male for Relay / Loose Wires) With Pin No. Insertion Mark Tube			6					
				10					
Connector OP.1097	JST (Female for Relay / Loose Wires) With Pin No. Insertion Mark Tube			SB General-Use / Thin Cable SS30WS AWG28 Twisted Pair 2 Layers Shield 30 V UL Black		4	(Can be specified by 0.1m increments)		
						6			
10									
12									

Cable Specification

Cable	
A Cable	SB Cable
	
OP.1338	OP.1339

Main Specifications (A / SB Together)

Sheath Color: Navy (A) / Black (SB)
 Standard Acquired: ULAWM20276
 Rated Voltage: 30 V
 Operating Temperature Range: -10 ~ 80 (A) / 0 ~ 80 (SB) °C
 Flame Retardance: VW-1SC
 Bending Radius: 8 (Fixed Parts) / - (Moving Parts) (mm)
 * This is a recommended value, not a guaranteed value


Model Number	AWG Size	Number of Pairs 1P = 2 Cores	Conductor		Insulation Thickness (mm)	Twisted Pair Outer Diameter Approx. (mm)	Shield Part Thickness (Tape) (mm)	Shield Part Thickness (braid) (mm)	Shield Part Density (%)	Sheath Thickness (mm)	Finished Outer Diameter (mm)	Electrical Properties			Approximate Mass kg/km	
			Structure Strands / mm	Outer Diameter Approx. / mm								Conductor Resistance Ω/km (20 °C)	Insulation Properties MΩkm (20 °C)	Test Voltage V / Min		Allowable Current A (30 °C)
NA28WSH	28 (0.08 mm ²)	3P	7/0.127	0.38	0.1	1.16	0.05	0.3	85	0.81	4.6	246 or less	10 or more	AC 300	2.3	35
		6P													1.8	50
SS30WS	28 (0.08 mm ²)	5P	7/0.127	0.38	0.1	-	-	-	-	0.81	5	240 or less	-	-	1	41
		8P													1	52
		10P													1	59

Electrical Properties


Number of Cores	Rated Current (A or less)	Connector		A Cable		
		Rated Voltage (V or less)		Section Area	Rated Voltage	Allowable Current A (30°C)
		AC	DC			
4	2	100	140	AWG28 (0.08 mm ²)	30V	2.3
6		100	140			
10		100	140			
12		100	140			

* The values are reference values, not guaranteed values.


Combination Method



Straight Plugs **OP.310**



Relay Adapters **OP.310**



Panel Mount Receptacle **OP.311**

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

Connector Included Cable

- 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
- PLT Connector Included Cable
- HR10A Connector Included Cable**
- XS2 Connector Included Cable
- DIN / Mini-DIN Connector Included Cable