

Servomotor Power Cable Specifications

These are the cables connecting between the Servo Drive and Servomotor.
Servomotor Power Cables with connectors for the CNB are available.
When using Cables for a Servomotor with a brake, a Brake Cable is also required. Brake cables are also available as standard cables and robot cables.

Precautions
for Correct Use

♦ Use flexible cables for applications with moving parts.

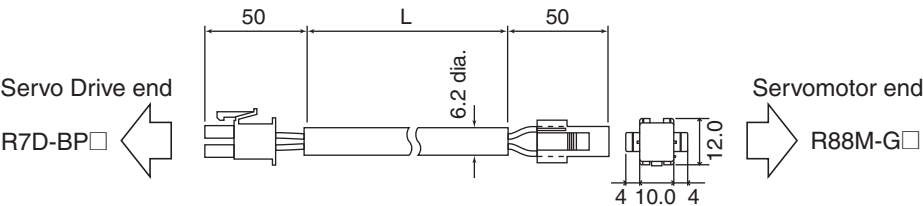
■ Global Cables for Servomotor Power (Non-Flexible Cables)

Cable Models

Model	Length (L) ^{*1}	Outer diameter of sheath	Weight
R7A-CAB003S	3 m	6.2 dia.	Approx. 0.2 kg
R7A-CAB005S	5 m		Approx. 0.3 kg
R7A-CAB010S	10 m		Approx. 0.6 kg
R7A-CAB015S	15 m		Approx. 0.9 kg
R7A-CAB020S	20 m		Approx. 1.2 kg

*1. The maximum distance between the Servo Drive and Servomotor is 20 m.

Connection Configuration and External Dimensions



Wiring

Servo Drive			Servomotor	
No.	Signal		No.	Signal
1	Phase-U	Red	1	Phase-U
4	Phase-V	White	2	Phase-V
6	Phase-W	Blue	3	Phase-W
3	FG	Green/Yellow	4	FG
2				
5				

Cable: AWG20 × 4C UL2464

Servo Drive Connector

Connector pins:
5556PBTB (Molex Japan)
Connector case:
5557-06R-210 (Molex Japan)

Servomotor Connector

Connector pins:
170366-1 or 170362-1
(Tyco Electronics AMP KK)
Connector case:
172159-1 (Tyco Electronics AMP KK)