

Female JST SH-style connector (1.0 mm pitch).



JST SH-style Cables for Micro Metal Gearmotor Encoders have a non-standard color order.

3. Wires are 28 AWG and conform to UL 1571.

4. To get the specified scale, select 100% in print settings.

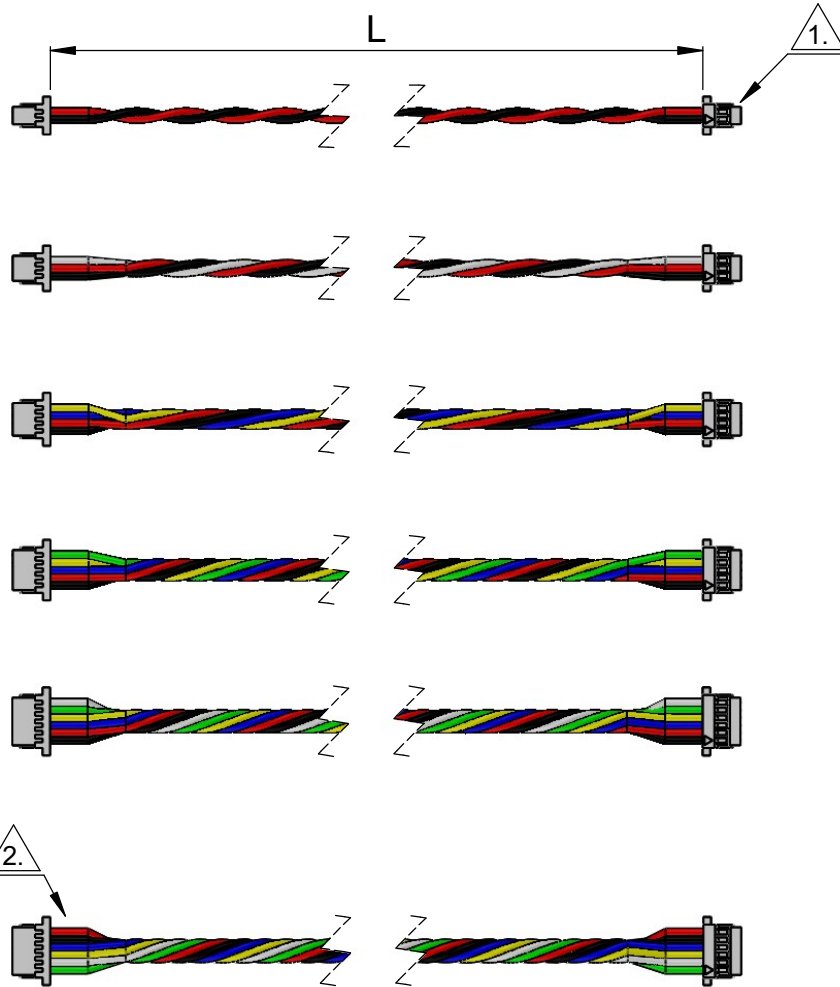
Scale 1:1

Number of conductors	Item number	L (length)
2	5500	12 [4.5]
	5501	30 [12]
	5502	75 [30]
3	5510	12 [4.5]
	5511	30 [12]
	5512	75 [30]
4	5520	12 [4.5]
	5521	30 [12]
	5522	75 [30]
5	5530	12 [4.5]
	5531	30 [12]
	5532	75 [30]
6	5540	12 [4.5]
	5541	30 [12]
	5542	75 [30]
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">2.</div> <div style="margin-right: 5px;">6</div> </div>	4762	12 [4.5]
	4763	30 [12]
	4764	75 [30]

<https://www.pololu.com/category/346>

Name: JST SH-Style Cable, Single-Ended Female		Item number: see table
Drawing date: 14 July 2025	Dev code: —	
Units: cm [in]	Material: mixed	






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- 2. JST SH-style Cables for Micro Metal Gearmotor Encoders have a non-standard color order.
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Scale 1:1

Number of conductors	Item number	L (length)
2	5503	10 [4]
	5504	16 [6.3]
	5505	25 [10]
	5506	40 [16]
	5507	63 [25]
3	5513	10 [4]
	5514	16 [6.3]
	5515	25 [10]
	5516	40 [16]
4	5517	63 [25]
	5523	10 [4]
	5524	16 [6.3]
	5525	25 [10]
5	5526	40 [16]
	5527	63 [25]
	5533	10 [4]
	5534	16 [6.3]
6	5535	25 [10]
	5536	40 [16]
	5537	63 [25]
	5543	10 [4]
	5544	16 [6.3]
6	5545	25 [10]
	5546	40 [16]
	5547	63 [25]
	4765	10 [4]
	4766	16 [6.3]
6	4767	25 [10]
	4768	40 [16]
	4769	63 [25]

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Name: JST SH-Style Cable, Female-Female		Item number: see table
Drawing date: 14 July 2025	Dev code: —	 © 2025 Pololu Corporation
Units: cm [in]	Material: mixed	