

Part Number	Supplier
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LQS16 (tested by SG)	Cave Products
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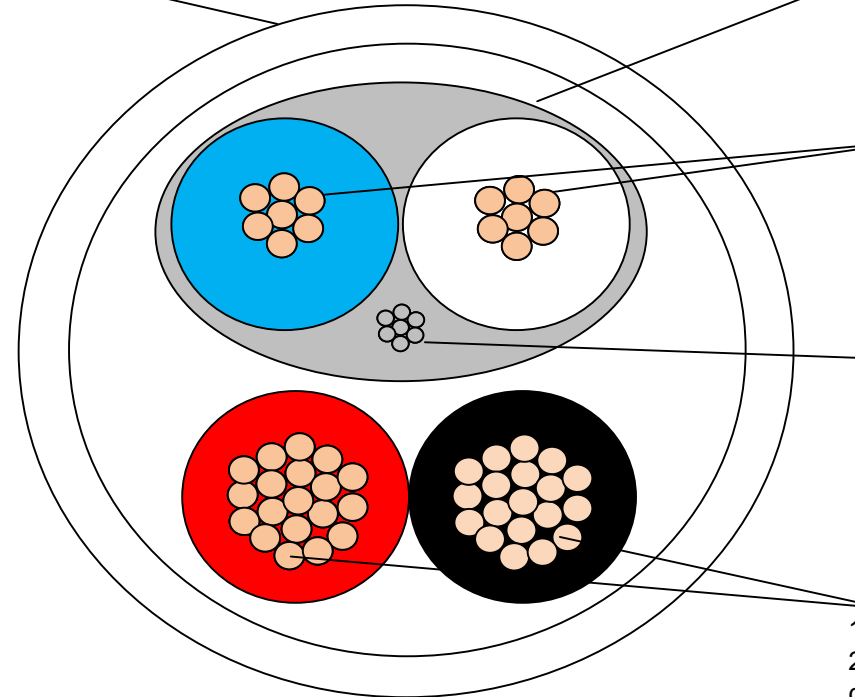
6.4mm<sup>2</sup> LSOH  
Smooth Jacket

Aluminium Foil  
Screen

22awg /  
1.35mm<sup>2</sup>  
copper  
conductor.  
Twisted Pair

Tinned copper  
Drain wire

16awg /  
2.10mm<sup>2</sup>  
copper  
conductor



**Note:**

**Please refer to  
Silent Gliss Cable  
Distances chart to  
Ensure of correct  
cable size.**

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**Smart by Silent Gliss Cable Specification**

**Drawing Number**

**E 899**

**Issue Date 07/2/23 FRO**

## Series 50 Cable Distances



<u>Cable</u>	<u>Motor</u>	<u>TorqueNm / Speed RPM</u>	<u>SG Systems</u>	<u>Max Distance (Metres)</u>
16/22 AWG	SG 11250	1.5 / 55	SG 4960	55
16/22 AWG	SG 11251	3./ 32	SG 4970,SG 4760,70,80, SG 2350	55
16/22 AWG	SG 11252	6./ 20	SG 2350 , SG 4970	64
16/22 AWG	SG 11255	10./ 20	SG 4880	65
16/22 AWG	SG 9060		SG 5600 SG 7650	65
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14/22 AWG	SG 11250	1.5 / 55	SG 4960	93
14/22 AWG	SG 11251	3./ 32	SG 4970,SG 4760,70,80, SG 2350	93
14/22 AWG	SG 11252	6./ 20	SG 2350 , SG 4970	120
14/22 AWG	SG 11255	10./ 20	SG 4880	120
14/22 AWG	SG 9060		SG 5600 SG 7650	93
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***12/22 AWG	SG 11250	1.5/ 55	SG 4960	120
***12/22 AWG	SG 11251	3./ 32	SG 4970,SG 4760,70,80, SG 2350	120
***12/22 AWG	SG 11252	6./ 20	SG 2350 , SG 4970	120
***12/22 AWG	SG 11255	10./ 20	SG 4880	120
*** 12/22 AWG	SG 9060		SG 5600 SG 7650	120

\*\*\* Please note that 12/22 Awg will need to be joined at the panel end and motor end, to reduce the cable size to allow connection  
 During the test SG used 16/22AWG for the reducing cable to approx 1m length.