



# LAPP TANNERHILL

## Wire & Cable Solutions

## Are you looking for **LSZH** (Low Smoke, Zero Halogen) Hook-up wire?

Halogen-free <HAR> Hook-up Wire  
Type H05Z-K & H07Z-K







LSZH is recommended for wiring devices, switch gear cabinets, and distribution boxes; in tubes on, in, or under plaster; closed installation ducts; dry rooms; areas where human safety and damage to electronic components are a concern.



Approvals for Halogen-free  
<HAR> Hook-up Wire:

<HAR> CE RoHS✓

Cable Attributes			
	OR-01		FR-02
	FL-02		MP-01
OIL		FLAME	MOTION
			MECHANICAL

Other products that are related and  
may interest you or similar cables:

- ÖLFLEX® HEAT 125
- HAR Hook-up Wire
- ÖLFLEX® POWER QUAD II
- H05VVF
- Multi-standard <HAR> Hook-up Wire
- Halogen-free <HAR> Hook up Wire

### The advantages of LSZH:

- Low smoke, zero halogen (LSZH)
- Flame retardant
- 13 standard color options
- Embossed cable marking available upon request

### Construction of Halogen-free <HAR> Hook-up Wire Type H05Z-K & H07Z-K

- **Conductors:** Finely stranded bare copper
- **Insulation:** Cross-linked, halogen-free


Please visit [www.lapptannehill.com/news/product-news](http://www.lapptannehill.com/news/product-news) for more information and downloads.

Contact us at: 800.633.6339 or [sales@lapptannehill.com](mailto:sales@lapptannehill.com)


# LSZH (low smoke, zero halogen) Hook-up Wire Type HO5Z-K & HO7Z-K

## Technical Data


 **Temperature Range:** -15°C to +90°C

 **Color Code:**


00: Green/yellow	07: Violet
01: Black	08: Pink
02: Blue	09: Orange
03: Brown	11: Yellow*
04: Red	12: Green*
05: White	14: Dark blue
06: Gray	

 **Nominal Voltage:**

- HO5Z-K:	300/500V
- HO7Z-K:	450/750V

 **Test Voltage:**

- HO5Z-K:	2000V
- HO7Z-K:	2500V

 **Approvals:**

Attributes: Low smoke / low smoke density  
acc. to IEC 61034  
Flame retardant  
acc. to IEC 60332.1.2

Additional: <HAR> HO5Z-K & HO7Z-K  
CE & RoHS

 **Conductor Stranding:** Class 5 fine wire

Part Number	Nominal Outer Diameter		Copper Weight	Approx. Weight	Part Number	Nominal Outer Diameter		Copper Weight	Approx. Weight
	(inches)	(mm)	(lbs/mft)	(lbs/mft)		(inches)	(mm)	(lbs/mft)	(lbs/mft)
H05Z-K					8 AWG (10 mm <sup>2</sup> )				
22 AWG (0.50 mm <sup>2</sup> )					4726..5	0.280	7.1	65	74
4725..1	0.102	2.6	3	6	6 AWG (16 mm <sup>2</sup> )				
20 AWG (0.75 mm <sup>2</sup> )					4726..6	0.331	8.4	103	114
4725..2	0.110	2.8	5	7	4 AWG (25 mm <sup>2</sup> )				
18 AWG (1.00 mm <sup>2</sup> )					4726..7	0.417	10.6	161	195
4725..3	0.114	2.9	6	9	2 AWG (35 mm <sup>2</sup> )				
H07Z-K					4726..8	0.476	12.1	226	255
16 AWG (1.50 mm <sup>2</sup> )					1 AWG (50 mm <sup>2</sup> )				
4726..1	0.138	3.5	10	13	4726..9	0.567	14.4	323	356
14 AWG (2.50 mm <sup>2</sup> )					2/0 AWG (70 mm <sup>2</sup> )				
4726..2	0.169	4.3	16	22	4727..1	0.654	16.6	452	504
12 AWG (4 mm <sup>2</sup> )					3/0 AWG (95 mm <sup>2</sup> )				
4726..3	0.193	4.9	26	30	4727..2	0.740	18.8	613	672
10 AWG (6 mm <sup>2</sup> )									
4726..4	0.217	5.5	39	44					

For Lapp part number, add the double digit color code (see above) to the part number in the table, e.g.: 16 AWG HO7Z-K green/yellow = 4726001

\* No <HAR> approval for these colors in sizes 16 AWG (1.5 mm²) and larger.

### Value Added Services offered by Lapp Tannehill:

Order Processing  
Re-spooling  
Spiral Stripping  
Wire & Tubing Processing  
Custom Reporting

Online Ordering  
Wire Twisting  
Wire & Cable Dying  
Custom Labeling & Bar-coding  
Vendor Managed Inventory Systems



# LAPP TANNEHILL

Everything from one source.

### OFFICES:

Minnesota  
California  
Texas  
Georgia

800.633.6339 [www.lapptannehill.com](http://www.lapptannehill.com)

A LAPP GROUP COMPANY

### WAREHOUSES:

Savage, MN  
Las Vegas, NV  
Houston, TX  
Atlanta, GA