

Halogen-free <HAR> Hook-up Wire

Type H05Z-K & H07Z-K



Construction

Conductors: Finely stranded bare copper

Insulation: Cross-linked, halogen-free

Recommended Applications

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



Cable Attributes		page 640	
OIL	OR-01	FLAME	FR-02
MOTION	FL-02	MECH.	MP-01

Technical Data

Temperature Range: -15°C to +90°C

Nominal Voltage:
 - H05Z-K: 300/500V
 - H07Z-K: 450/750V

Test Voltage:
 - H05Z-K: 2000V
 - H07Z-K: 2500V

Conductor Stranding: Class 5 fine wire

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	

* No <HAR> for yellow or green wires ≥ 16 AWG

Approvals:

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

Additional: <HAR> H05Z-K & H07Z-K
 CE & RoHS

Part Number	Nominal Outer Diameter		Copper Weight	Approx. Weight	Part Number	Nominal Outer Diameter		Copper Weight	Approx. Weight
	(in)	(mm)	(lbs/mft)	(lbs/mft)		(in)	(mm)	(lbs/mft)	(lbs/mft)
H05Z-K					8 AWG (10 mm²)				
22 AWG (0.50 mm²)					4726..5	0.280	7.1	65	74
4725..1	0.102	2.6	3	6	6 AWG (16 mm²)				
20 AWG (0.75 mm²)					4726..6	0.331	8.4	103	114
4725..2	0.110	2.8	5	7	4 AWG (25 mm²)				
18 AWG (1.00 mm²)					4726..7	0.417	10.6	161	195
4725..3	0.114	2.9	6	9	2 AWG (35 mm²)				
H07Z-K					4726..8	0.476	12.1	226	255
16 AWG (1.50 mm²)					1 AWG (50 mm²)				
4726..1	0.138	3.5	10	13	4726..9	0.567	14.4	323	356
14 AWG (2.50 mm²)					2/0 AWG (70 mm²)				
4726..2	0.169	4.3	16	22	4727..1	0.654	16.6	452	504
12 AWG (4 mm²)					3/0 AWG (95 mm²)				
4726..3	0.193	4.9	26	30	4727..2	0.740	18.8	613	672
10 AWG (6 mm²)									
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 H07Z-K green/yellow = 4726001