

(H)05Z1Z1-F halogen-free



(H)05Z1Z1-F is a VDE approved, halogen-free, light-duty, flexible, black jacketed multi-conductor 300/500v. European cord. Recommended when halogen-free, low-smoke and corrosive gas properties are required in case of fire. Applications include connecting electrical appliances under medium mechanical stress environments in offices, kitchens and households. (H)05Z1Z1-F can commonly be found in connections to refrigerators, washing machines and spin-dryers. These cables can also be used in cooking and heating apparatus if not in direct contact with the hot parts of the apparatus. Not suitable for outdoor use, high temperature and lighting installations or in connections to electrical power tools.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Thermoplastic core insulation
- Color code VDE-0293-308
- Halogen-free thermoplastic outer jacket
- Black (RAL 9005) or White (RAL 9003)

Technical:

- Working voltage: 300/500 volts
- Test voltage: 2500 volts
- Flexing bending radius: 7.5 x Ø
- Fixed bending radius: 4.0 x Ø
- Flexing Temp: -5° C to +70° C
- Fixed Temp: -40° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- Like <HAR> HD21.14 S1
- Like VDE-0281 Part-14
- CE low voltage directive 73/23/EEC & 93/68/EEC.
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
18 AWG (24/32) 0,75mm²				
4841802*	2	0.244" / 6.2mm	10	39
4841803*	3	0.252" / 6.6mm	15	46
4841804*	4	0.280" / 7.1mm	19	54
4841805*	5	0.315" / 8.0mm	24	68
17 AWG (32/32) 1,00mm²				
4841702*	2	0.260" / 6.6mm	13	45
4841703*	3	0.272" / 6.9mm	19	54
4841704*	4	0.303" / 7.7mm	25	68
4841705*	5	0.331" / 8.4mm	32	72
16 AWG (30/30) 1,50mm²				
4841602*	2	0.291" / 7.4mm	19	58
4841603*	3	0.319" / 8.1mm	29	73
4841604*	4	0.354" / 9.0mm	39	78
4841605*	5	0.394" / 10.0mm	48	113
14 AWG (50/30) 2,50mm²				
4841402*	2	0.366" / 9.3mm	32	93
4841403*	3	0.398" / 10.1mm	48	115
4841404*	4	0.433" / 11.0mm	64	141
4841405*	5	0.484" / 12.3mm	80	174
12 AWG (56/28) 4,00mm²				
4841202*	2	0.417" / 10.6mm	52	127
4841203*	3	0.453" / 11.5mm	77	162
4841204*	4	0.492" / 12.5mm	103	200
4841205*	5	0.555" / 14.1mm	129	249

* Also available in white jacket (485)