

# ANYCERT-CETUVVDE-H05Z1-U

## Single core conductor LSZH insulated cable



210

### Application

For the switch of the AC voltage of 1000V or DC voltage 750V or internal wiring board, usually installed in the pipeline and apparatus for internal wiring of the maximum operating temperature of 90°C and the smoke or toxic gases may lead to the risk of life and equipment areas (such as public and government buildings).

### Feature

- Do not produce toxic gases in the combustion process
- Use environmentally materials, comply with ROHS standard
- The cable of multiple standards, CE / TUV / VDE approval in line with European standards, so that the cable can be used in the European market at the same time.

### Structure

- Solid bare copper wire in line with DIN VDE 0295 (HD383)
- flame retardant according to DIN VDE0282 t low smoke
- zero halogen material (LSZH) (color can be customized according to customer requirements)

### Performance

- Operating voltage: 300/500V
- Insulation resistance: > 10MΩ × km
- Minimum bend radius: 12x cable diameter
- Operating temperature range:  
Movable Installation: -5°C to +90°C  
fixed installation: -40°C to +90°C
- Oil resistant, flame retardant, and extension flammable:  
IEC 60332.1 / the HD 405.2 and VDE 0207-4

Part No.	Conductor style	Conductor			Insulation			20°C conductor resistance	70°C minimum insulation resistance	Withstand Voltage
		Standard section	Wires/diameter	diameter	Nominal thickness	Nominal diameter	Max. diameter			
		MM2	No./mm	mm	mm	mm	mm	Ω/Km	MΩ.Km	V
1002H05Z1U0005	Solid conductors	0.5	1/0.80	0.8	0.6	2	2.4	36	0.015	2500
1002H05Z1U00075		0.75	1/0.97	0.97	0.6	2.17	2.6	24.5	0.012	
1002H05Z1U001		1	1/1.13	1.13	0.6	2.33	2.8	18.1	0.011	

※ Can produce special cables as customer's request