

VG 95218 part 1008

S05ZZH2-F 300/500 V



Rubber insulated cables for illumination chains, halogen free, low fire hazard, part 1008.

Application

These cables are intended for indoor or outdoor use as decorative/lighting chains and with designated lamp-holders in the Bundeswehr, also on board of ships.

In other respects the specifications of DIN VDE 0298 part 300 apply.

The cables are certified from the Bundesamt für Ausrüstung, Informationstechnik und Nutzung der Bundeswehr (BAAINBw).

S05ZZH2-F 300/500 V	
Global data	
Type designation	S05ZZH2-F
Standard	VG 95218 part 1008 A
Design features	
Conductor	Round stranded, tinned copper wires acc. to. class 5 of IEC 60228.
Insulation	Cross-linked, EPR based rubber compound.
Core identification	Blue and brown
Core arrangement	2 parallel cores
Outer sheath	Cross-linked, EVA based rubber compound, colour: yellow.
Electrical parameters	
Rated voltage	300/500 V
Max. permissible operating voltage	AC 0.318/0.55 kV
	DC 0.413/0.825
AC test voltage	2 kV

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Chemical parameters	
Flame propagation	IEC 60332-1-2
Resistance to oil	According to VG 95218-2
Ozone resistance	According to VG 95218-2
Thermal parameters	
Max. operating temperature of the conductor	90 °C
Max. short circuit temperature of the conductor	250 °C
Laying temperature min.	-30 °C
Mechanical parameters	
Max. tensile load on the conductor	15 N/mm ²

Available cross sections are part of the standard.
Single datasheets with more information are available upon request.