

Technical Data Sheet

ISO 9001:2015

CE



HSLH-JZ (LSZH/LSZH)

LSZH Insulated, LSZH outer sheathed Flexible Control cables

Ref. Kompoflex JZ-500

Application :

This cable is specially installed in rubbish, sewage-treatment plants, composting works, animal stalls and greenhouses. Suitable for installation for flexible use for medium mechanical stresses without tensile stress or forced movements in dry, and wet rooms as well as outside.

Construction :

Conductor/ İletken	Tinned stranded copper wire IEC 60228; DIN VDE 0295 class 5
Insulation /Yalıtım	HFFR (LSZH) special thermoplastic polymer
Insulation colours /Damar renkleri	Black cores, white numbered + Green /Yellow
Stranding	Cores stranded
Outer sheath	HFFR (LSZH) special thermoplastic polymer - Fully extruded
Outer sheath colour	Black

Technical data (20°C) :

Rated voltage	300/500 V
Temperature range	
Flex using	-30°C/+90°C
Fixed using	-40°C/+100°C
Test voltage	2,5 kV AC
Insulation resistance	min. 20 MΩkm
min. Bending Radius	10xD
Flame retardance	IEC/EN/BS 60332-1/2, DIN VDE 0482-332-1-2
Amount of halogen acid gas	IEC/EN 60754-1, EN 50267-1, BS EN 50267-1, DIN VDE 0482-267-1
Degree of acidity of gases	IEC/EN 60754-2, EN 50267-2, BS EN 50267-2, DIN VDE 267-2-2
Smoke density test	IEC/EN/BS 61034-1/2, DIN VDE 0482-1034-1/2
Cross Section (mm ²)	2,5
Conductor structure	45x0,25
Insulation thickness nom. (mm)	0,50
Conductor resistance Ω/km (max.)	7,98

number of cores x
cross section

Copper
weight
kg/km

Outer
diameter
mm

Approx.
weight
kg/km

5x2,5

101,0

10,20±0,30

210,0