0091330	DATA SHEET	LAPP
valid from: 11.07.2025	ÖLFLEX® HEAT 260 C MC	

Application

ÖLFLEX® HEAT 260 C MC cables are heat resistant cables. Besides having excellent mechanical and physical properties, ÖLFLEX® HEAT 260 C MC cables also are characterized by very good electrical values as well as outstanding resistance against oil, weather and UV- radiation. In addition these cables are resistant to water, acids, alkalis, solvents, paints, petrol and oils. They have also high dielectric strength and high abrasion resistance. The screen is a protection against electrical interference. The cables are flame retardant.

Design

Conductor	fine wire strands of nickel plated copper acc. to IEC 60228 resp. EN IEC 60228, class 5
Insulation	Polytetrafluoroethylene (PTFE), 5YI1 acc. to VDE 0207 part 6
Core identification code	colour coded acc. to VDE 0293-308, with or without gn/ye ground conductor
Cable assembly	cores twisted together, PTFE-tape wrapping
Screen	braiding of nickel plated copper wires, coverage = 85 % (nominal value)
Outer sheath	Polytetrafluoroethylene (PTFE), 5YM1 acc. to VDE 0207 part 6 colour: black, similar RAL 9005

Electrical properties at 20 °C

Nominal voltage	U_0/U: 300/500 V
Test voltage	c/c: 2500 V AC c/s: 2000 V AC

Mechanical and thermal properties

Minimum bending radius	occasional flexing: fixed installation:	15 x outer diameter 4 x outer diameter
Temperature range	occasional flexing: fixed installation:	-190 °C up to +260 °C max. conductor temperature -190 °C up to +260 °C max. conductor temperature
Flammability	flame retardant acc. to IEC 60332-1-2 resp. EN 60332-1-2	

General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)
Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).