LAPP GROUP	**DATA SHEET**	0091330
	ÖLFLEX® HEAT 260 C MC	valid from : 05.02.2008

Application

ÖLFLEX® HEAT 260 MC cables are heat resistant cables. Besides having excellent mechanical, thermal and physical properties, ÖLFLEX® HEAT 260 MC cables are characterized by very good electrical values as well as outstanding resistance against oil, weather and UV-radiation. In addition these cables are resistant against the action of water, acids, caustic solutions, 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 strands of nickel plated copper wires acc. to IEC 60228 resp. VDE 0295, class 5
Core insulation	PTFE compound 5YI1 in acc. to VDE 0207 part 6 (polytetraflouroethylene)
Core identification	acc. to VDE 0293-1, with or without gn/ye ground conductor up to 5 cores coloured in acc. to HD 308 S2 resp. VDE 0293-308
Cable design	cores twisted together, PTFE-tape wrapping
Screen	braid of nickel plated copper, coverage = 85% (nominal value)
Outer sheath	PTFE compound 6YM1 in acc. to VDE 0207 part 6, black

Electrical properties at 20 °C

Nominal voltage	300 V / 500 V
Test voltage	3400 V AC

Mechanical and thermal properties

Temperature range	-190 °C up to +260 °C max. conductor temperature for short time up to +300 °C
Min. bending radius	4 x cable diameter for fixed installation 15 x cable diameter for flex. applications
Tests	acc. to IEC 60811-x-x resp. VDE 0473 part 811-x-x and VDE 0472
EC directive	this cable confirms to ECD 2006/95/EC (low voltage directive).