



DATA SHEET	0091200
ÖLFLEX® HEAT 205 MC	valid from : 04.02.2008

Application

ÖLFLEX® HEAT 205 MC cables are heat resistant cables. Besides having excellent mechanical and physical properties, ÖLFLEX® HEAT 205 MC cables are characterized by very good electrical values as well as outstanding resistance against oil, weather and UV-radiation. ÖLFLEX® HEAT 205 MC cables are resistant against the action of water, acids, alkalis, solvents, synthetic liquids and oils. The cables are flame retardant.

Design

Conductor	fine strands of tinned copper wires acc. to IEC 60228 resp. VDE 0295, class 5 from 0,5 mm ² in support to IEC 60228 resp. VDE 0295, class 5
Core insulation	FEP compound 6YI1 in acc. to VDE 0207 part 6
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 more than 5 cores acc. to ÖLFLEX colour code
Outer sheath	FEP compound 6YM1 in acc. to VDE 0207 part 6, black

Electrical properties at 20 °C

Nominal voltage	300 / 500 V
Test voltage	2500 V AC

Mechanical and thermal properties

Temperature range	-100 °C up to +205 °C max. conductor temperature
Min. bending radius	4 x cable diameter for fixed installation 15 x cable diameter for flex. applications
EC directive	this cable confirms to ECD 2006/95/EC (low voltage directive).

elaborated by: TE-K: M. Herb / R. Krämer	Document: DB0091200EN	page 1 of 1
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