

H07ZZ-F multicore

FIO Catalogue description: [Lapp Olflex Halogen Free Rubber cables](#)

H07ZZ-F multicore are Halogen free Rubber cables for use in tools and agricultural machinery. Acc. to VDE 0100 part 711 these cables are permitted in buildings for shows and booths without fire alarm system. The cables are for use in dry and damp interiors as well as outdoors.

Design	acc. to HD 22-13 that is VDE 0282 part 13
Conductor	Bare copper, fine wire strand in acc. to IEC 60 228 that is VDE 0295, class 5
Core insulation	Halogen free rubber compound EI 8 acc. to EN 50363-5
Identification	Colour coded in acc. to VDE 0293-1 or HD308S2 that is VDE 0293-308
Outer sheet	Halogen free rubber compound EM 8 acc. to EN 50363-6 Colour outer sheet black

Electrical properties at 20°C

Rated voltage	U ₀ /U: 450 / 750 V
Test voltage	2500 V AC

Mechanical and thermal properties

Temp. range	flexible application: -5°C to +70°C max. conductor temperature fixed installation: -40°C to +70°C max. conductor temperature
Min. bending radius	flexing: 6 x cable diameter static: 4 x cable diameter
Flame retardant	acc. to IEC 60 332.1 and IEC 60 332.3
Tests	acc. to VDE 0472 and IEC 60 811-x.x that is VDE 0473; UL Style 20234
Approvals	H07ZZ-F acc. to HD 22-13 that is VDE 0282 part 13
EC directive	this cable confirms to ECD 73/23/EEC (low voltage directive)