

ÖLFLON® PTFE C

FIO Catalogue Description: Lapp Olflon PTFE SCREENED High Temperature Cables

ÖLFLON® PTFE cables are screened, heat resistant cables for permanent temperatures of -190° C up to +260° C. Beside having excellent mechanical and physical properties, ÖLFLON® PTFE cables also are characterized by very good electrical values, excellent chemical resistance against mostly all acids, oils and other aggressive media. The copper braiding protects against electrical interference. The PTFE outer sheath protects effectively against penetration of liquids, prevents the formation of stress cracks and is UV- and weather resistant

Design

Conductor	nickel plated copper fine wire strand in acc. to IEC 60228, VDE 0295 class 5
Core insulation	Polytetrafluoroethylene (PTFE)
Core identification	color coded according VDE 0293-308
Cable design	cores twisted into layers
Wrapping	PTFE-Foil
Screen	braiding of nickel plated copper wires
Wrapping	PTFE-Foil
Outer sheath	Polytetrafluoroethylene (PTFE)

Technical data

Nominal voltage U_0/U	300/ 500 V
Test voltage	3400 V
Temperature range	-190°C up to +260° C max. conductor temperature
Minimum bending radius	15 x cable diameter for flexible use 4 x cable diameter for static use
Flame retardant	according IEC 60332.1
EC directive	The cable confirms to ECD 73/23/EEC (Low voltage directive) and 2002/95/EC (RoHS)