

## Suggested Copy for Lapp Limited in Farnell Catalogue

### Olflex® 110 Black 0.6/1Kv

(Farnell: UV Resistant 0.6/1Kv Black Multicore)

#### Application

OLFLEX® CLASSIC 110 Black 0,6/1 kV cables are control and connecting cables with a black outer sheath for use in dry, damp and wet rooms, for normal mechanical abuse. Under following to the indicate temperature range is an use outside possible. At room temperature it is generally resistant against acids, caustics solutions and certain oils. Continuous, busy movements, usage of these cables in moving cable carriers, or on motor drum guidance or under a strain of more than 15 N/mm<sup>2</sup> is not allowed. OLFLEX® CLASSIC 110 Black 0,6/1 kV is used as control- and connecting cable for control systems in machine tools, transporting plants, production and assembly lines, as well as measuring systems, automatic control and units of computer.

#### Technical data

Conductor	bare copper, fine wire strand in accordance to IEC 60228 that is V DE 0295, class 5
Design	in accordance to HD 21-13 S1 (V DE 0281-13) and CEI-UNEL 35755 or 35756
Core insulation	LAPP special PVC compound P8/1, better than the PVC compound T12 in accordance to V DE 0207 part 4
Identification	in acc. to HD 186 resp. V DE 0293, black cores with white numbers with or without green/yellow ground conductor
Outer sheath	PVC compound TM2 in acc. to V DE 0207 part 5 with increased requests to LAPP specification
Outer sheath colour	black
Nominal voltage	600/1000 V
Test voltage	4000 V AC
Temp. range	for flexible use -5 up to + 70° C max. conductor temperature fixed installation -30 up to +80° C max. conductor temperature
Min. bending radius	flex. use: 15 x cable diameter fixed installation: 4 x cable diameter
Flame retardant	in acc. to IEC 60332.1 that is V DE 0482 part 265-2-1
Tests	in acc. to V DE 0472 and IEC 60811-x.x that is V DE 0473
EC directive	This cable confirms to ECD 73/23/EEC (low voltage directive).