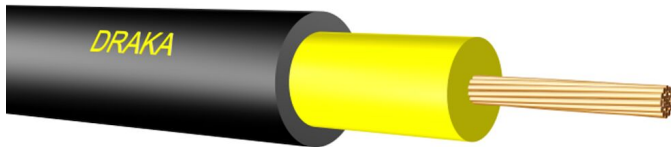


HNL 6 kV black# 1.5 mm²

101451



GENERAL INFO

Product description

HNL is a **high-voltage neon cable**. The cable is used as a high-voltage connection in neon installations and for installation in metal cabinets. HNL can also be used as a spark plug cable, for piezo ignition, and to ignite flare installations. The cable is suitable for permanent installation in industrial installations.

This power cable is very flexible (Class 5) and has a small bending radius, which makes installation easy. The cable also has very good creep current resistance and very good insulation (EPR). The pipe is resistant to corona discharges and is UV-resistant, which guarantees a long service life.

CERTIFICATIONS AND DESIGN STANDARDS

Certifications and approvals



CABLE DESIGN

Conductor material
Conductor surface
Core insulation material
Material outer sheath
Cable shape

Copper
Bare
EPR rubber
Polyvinyl chloride (PVC)
Round

APPLICATION PROPERTIES

Nominal voltage U ₀ [V]	1,800
Nominal voltage U [V]	3,000
Test voltage [kV]	6
Oil resistant	Yes
Min. outer temperature, fixed installation [°C]	-40
Max. outer temperature, fixed installation [°C]	80
UV resistant	Yes
Outdoor installation	Yes
Min. outer temperature during installation [°C]	0
Max. outer temperature during installation [°C]	80

FIRE PROPERTIES

Insulation integrity (acc. IEC 60331)	No
Flame retardant	No
Halogen free	No
Low smoke	No

PRODUCT RANGE

Product code	101451
Basic construction	1x1,5 mm ²
Conductor category	Class 5 = flexible
Colour outer sheath	Black
Nominal outer diameter [mm]	6,76
Cable weight [kg/km]	62
Min. bending radius, fixed [mm]	70
Core colours	yellow

ELECTRICAL PROPERTIES

Product code	101451
Basic construction	1x1,5 mm ²
Current carrying capacity [A]	
Conductor resistance at 20° C [Ohm/km]	
Conductor resistance at operation temperature [Ohm/km]	
Pulling force pulling head [N]	20
Pulling force with pulling hose [N]	20

Current load according to NEN1010:2015, Table 52.B

PACKAGING

External article code	Standard packaging quantity	User unit	Packaging type
101451F3	100	MTR	Coil
101451HQ	5,000	MTR	Drum
101451NN	1	MTR	Without packaging