

General technical Data for XLPE Insulated Cables

Cables with copper conductors, XLPE insulated, PVC oversheathed

General Description:

Standard specification:	IEC60502-1
Type of cable:	CU/XLPE/PVC
Rated voltage U ₀ /U (U _{max}):	0.6/1 (1.2) KV
Nominal drum length tolerance (wooden drum package):	± 5%

Oversheath marking by embossing or ink (Manufacturer's option) as follows:

- CABLEL 0317 2016* ELECTRIC CABLE 0.6/1 KV IEC 60502-1 4x10**

* Year of manufacture

** Numbers of cores x cross-section

Meter marking at one-meter intervals by ink on oversheath

Cable structure:

- Conductor:

Round stranded compacted, apart from the case of two, three or four core cables, for conductors greater than 16 mm², which are sector shaped stranded.

- Insulation:

XLPE according to IEC 60502-1.

Nominal thicknesses of insulation are according to IEC 60502-1

Core identification:

Single-core cables: Black or Green/Yellow

Two-core cables: Brown-Blue

Three-core cables: Green/Yellow-Blue-Brown

Four-core cables: Green/Yellow-Brown-Black-Grey

Five-core cables: Green/Yellow-Blue-Brown-Black-Grey

- Sheath:

PVC type ST2 according to IEC 60502-1

Nominal thicknesses of oversheath are according to IEC 60502-1

Sheath colour: Black

Notes:

- Flame retardant according to IEC 60332-1.
- The cable is designed and tested strictly according to IEC 60502-1 standard.

Order		Cable Engineering Department	
Date – Revision:	06/05/2016 – 0	Issued by:	P. Kolios
Client – Destination country:		Reviewed by:	K. Tastavridis
		Approved by:	G. Georgallis