

## 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 <sub>0</sub> /U (U <sub>max</sub> ):	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 mm<sup>2</sup>, 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