

## TECHNICAL DATA SHEET

### CABLES WITH ALUMINIUM CONDUCTORS, XLPE INSULATED AND PVC SHEATHED

STANDARD SPECIFICATION :	IEC 60502-1			
TYPE OF CABLE :	AL/XLPE/PVC			
RATED VOLTAGE :	1 kV (1,2 kVmax.) AC - 1.5 kV (1.8 kVmax.) DC			
No OF CORES X NOM. X-SECTION MM 2 :	1x50	1x70	1x95	1x120
CONDUCTOR SHAPE :	ROUND STRANDED COMPACTED ALUMINIUM, CLASS 2 EN 60228			
TYPE OF INSULATION :	XLPE acc. to IEC 60502-1			
NOM. THICKN. OF INSULATION MM :	1.0	1.1	1.1	1.2
CORE IDENTIFICATION: PHASES :	ACC. HD 308 1 CORE: BLACK			
KIND OF OVERSHEATH :	PVC TYPE ST2 acc. to IEC 60502-1			
COLOR OF OVERSHEATH :	BLACK			
NOM. THICKNESS OF OVERSHEATH MM :	1.4	1.4	1.5	1.5
APPR. OVERALL DIAMETER MM :	13.0	15.0	16.5	18.5
APPR. WEIGHT OF CABLE KG/KM :	215	290	380	465
DRUM LENGTH $\pm$ 5% M :	1000	1000	1000	1000
TESTS :	acc. to IEC 60502-1			
CABLE CODE:	75103101250346	75103101350342	7510310140342	75103101550342

#### OUTERSHEATH MARKING BY EMBOSSING:

“ ●CABLEL 1324FC AL/XLPE/PVC 1X50RM\* 0.6/1KV IE 60502-1 2012\*\* “

\* NUMBER OF CORES X CROSS-SECTION

\*\* YEAR OF MANUFACTURE

AND METER MARKING BY INK EVERY 1M

OPTIONS IF ANY, AT MANUFACTURER'S DISCRETION, UNLESS OTHERWISE AGREED UPON BEFORE  
PLACEMENT OF ORDER

No.order:	-	Cable Engineering Department	
Date – Revision:	22/11/2012 – 0	Detailed by:	D. Damian
Client – Destination country:	-	Approved by:	O. Avramescu

**TECHNICAL DATA SHEET****CABLES WITH ALUMINIUM CONDUCTORS,  
XLPE INSULATED AND PVC SHEATHED**

STANDARD SPECIFICATION :	IEC 60502-1			
TYPE OF CABLE :	AL/XLPE/PVC			
RATED VOLTAGE :	1 kV (1,2 kVmax.) AC - 1.5 kV (1.8 kVmax.) DC			
No OF CORES X NOM. X-SECTION MM 2 :	1x150	1x185	1x240	1x300
CONDUCTOR SHAPE :	ROUND STRANDED COMPACTED ALUMINIUM, CLASS 2 EN 60228			
TYPE OF INSULATION :	XLPE acc. to IEC 60502-1			
NOM. THICKN. OF INSULATION MM :	1.4	1.6	1.7	1.8
CORE IDENTIFICATION: PHASES :	ACC. HD 308 1 CORE: BLACK			
KIND OF OVERSHEATH :	PVC TYPE ST2 acc. to IEC 60502-1			
COLOR OF OVERSHEATH :	BLACK			
NOM. THICKNESS OF OVERSHEATH MM :	1.6	1.6	1.7	1.8
APPR. OVERALL DIAMETER MM :	20.5	22.5	25.0	28.0
APPR. WEIGHT OF CABLE KG/KM :	570	695	890	1090
DRUM LENGTH $\pm$ 5% M :	1000	1000	1000	1000
TESTS :	acc. to IEC 60502-1			
CABLE CODE:	75103101650342	75103101754842	75103101854842	75103101950342

**OUTERSHEATH MARKING BY EMBOSSING:**

“ ●CABLEL 1324FC AL/XLPE/PVC 1X150RM\* 0.6/1KV IE 60502-1 2012\*\* “

\* NUMBER OF CORES X CROSS-SECTION

\*\* YEAR OF MANUFACTURE

AND METER MARKING BY INK EVERY 1M

OPTIONS IF ANY, AT MANUFACTURER'S DISCRETION, UNLESS OTHERWISE AGREED UPON BEFORE  
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