

TECHNICAL DATA SHEET

CU/KYNAR/HMWPE

1		Type of Cable		
	1.1	Cross-section	(mm ²)	1x10
	1.2	Designation voltage (Uo/U)	(kV)	0,6/1
	1.3	Standard no		
	1.4	International code		KYNAR HMWPE
2		Conductor		
	2.1	Conductor material		CU
	2.2	Conductor construction		Stranded conductor
	2.3	Nominal cross-sectional area	(mm ²)	10
	2.4	Number and nominal diameter of wires	(mm.)	7x1,36
	2.5	Diameter of conductor	(mm.)	3,84
	2.6	Maximum D.C. resistance at 20 °C	(ohm/km.)	1,83
3		Insulation		
	3.1	Material		KYNAR
	3.2	Nominal thickness	(mm.)	0,70
	3.3	Insulation diameter	(mm.)	5,24
4		Outer sheath		
	4.1	Material		HMWPE
	4.2	Nominal thickness	(mm.)	1,65
	4.3	Overall diameter of cable	(mm.)	8,54
	4.4	Weight of cable approx.	(kg./km.)	141

TECHNICAL DATA SHEET

CU/KYNAR/HMWPE

1		Type of Cable		
	1.1	Cross-section	(mm ²)	1x16
	1.2	Designation voltage (Uo/U)	(kV)	0,6/1
	1.3	Standard no		
	1.4	International code		KYNAR HMWPE
2		Conductor		
	2.1	Conductor material		CU
	2.2	Conductor construction		Stranded conductor
	2.3	Nominal cross-sectional area	(mm ²)	16
	2.4	Number and nominal diameter of wires	(mm.)	7x1,74
	2.5	Diameter of conductor	(mm.)	4,85
	2.6	Maximum D.C. resistance at 20 °C	(ohm/km.)	1,15
3		Insulation		
	3.1	Material		KYNAR
	3.2	Nominal thickness	(mm.)	0,70
	3.3	Insulation diameter	(mm.)	6,25
4		Outer sheath		
	4.1	Material		HMWPE
	4.2	Nominal thickness	(mm.)	1,65
	4.3	Overall diameter of cable	(mm.)	9,55
	4.4	Weight of cable approx.	(kg./km.)	202

TECHNICAL DATA SHEET

CU/KYNAR/HMWPE

1		Type of Cable		
	1.1	Cross-section	(mm ²)	1x25
	1.2	Designation voltage (Uo/U)	(kV)	0,6/1
	1.3	Standard no		
	1.4	International code		KYNAR HMWPE
2		Conductor		
	2.1	Conductor material		CU
	2.2	Conductor construction		Stranded conductor
	2.3	Nominal cross-sectional area	(mm ²)	25
	2.4	Number and nominal diameter of wires	(mm.)	7x2,15
	2.5	Diameter of conductor	(mm.)	5,94
	2.6	Maximum D.C. resistance at 20 °C	(ohm/km.)	0,727
3		Insulation		
	3.1	Material		KYNAR
	3.2	Nominal thickness	(mm.)	0,70
	3.3	Insulation diameter	(mm.)	7,34
4		Outer sheath		
	4.1	Material		HMWPE
	4.2	Nominal thickness	(mm.)	1,65
	4.3	Overall diameter of cable	(mm.)	10,64
	4.4	Weight of cable approx.	(kg./km.)	290

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CU/KYNAR/HMWPE

1		Type of Cable		
	1.1	Cross-section	(mm ²)	1x35
	1.2	Designation voltage (Uo/U)	(kV)	0,6/1
	1.3	Standard no		
	1.4	International code		KYNAR HMWPE
2		Conductor		
	2.1	Conductor material		CU
	2.2	Conductor construction		Stranded conductor
	2.3	Nominal cross-sectional area	(mm ²)	35
	2.4	Number and nominal diameter of wires	(mm.)	7x2,63
	2.5	Diameter of conductor	(mm.)	7,15
	2.6	Maximum D.C. resistance at 20 °C	(ohm/km.)	0,524
3		Insulation		
	3.1	Material		KYNAR
	3.2	Nominal thickness	(mm.)	0,70
	3.3	Insulation diameter	(mm.)	8,55
4		Outer sheath		
	4.1	Material		HMWPE
	4.2	Nominal thickness	(mm.)	1,65
	4.3	Overall diameter of cable	(mm.)	11,85
	4.4	Weight of cable approx.	(kg./km.)	386