Özler Kablo

Code

FLAT CU/PVC/PVC

Voltage Rating

300/500 V

Standards

BS 6004
IEC 60228 ***Conductor***

Reaction to Fire Classification (CPR)

EN 60332-1-2 ***Flame Retardant***

Conductor

Solid Copper Conductor (Class 1)

Stranded Copper Conductor (Class 2)

Insulation

PVC (Polyvinyl Chloride)

Filler

-

Armour

-

Sheath

PVC (Polyvinyl Chloride)

Technical Data

Max. Operating Temperature	*:*	***70°C***
Short Circuit Temperature	*:*	***160°C (max.5 sec)***
Bending Radius	*:*	***12D*** *(D : Overall Diameter)*
Test Voltage	*:*	***2 kV***

Application

Used as surface wiring where there is little mechanical damage risk or in conduit

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Nominal Cross Section (mm²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
2x1	6,4 x 4,1	52,2	100	18,1	-	13
2x1,5	7,3 x 4,6	69,3	100	12,1	-	16
2x2,5	8,7 x 5,3	101,5	100	7,41	-	21
2x4	10,2 x 6,1	142,8	100	4,61	-	27
2x6	11,5 x 6,9	195,9	100	3,08	-	34
2x10	14,3 x 8,4	301,3	100	1,83	-	45
2x16	16,7 x 9,6	439,8	100	1,15	-	57

Nominal Cross Section (mm²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
3x1	8,8 x 4,1	73,7	100	18,1	-	13
3x1,5	10,1 x 4,6	98,3	100	12,1	-	16
3x2,5	12,0 x 5,3	145,6	100	7,41	-	21
3x4	14,5 x 6,3	211,7	100	4,61	-	27
3x6	16,2 x 6,9	283,6	100	3,08	-	34
3x10	20,3 x 8,4	439,6	100	1,83	-	45
3x16	23,7 x 9,6	644,4	100	1,15	-	57

Note :

Current carrying capacities are valid at 30°C ambient temperature