ÜNKA KABLO

YY / YSLY

APPLICATION RANGE

* Instrumentation and control engineering
* Industrial electronics
* In machine production as measurement and control cable
* Production and assembly lines
* Dry, moist and wet places
* In places where low mechanical stresses exist

CONSTRUCTION

Conductor	Stranded electrolytic copper wire Class5, (BS EN 60228:2005)
Insulation	PVC (Polyvinyl Chloride) Compound
Colour Code	OZ - Black coloured, cores numbered JZ - One green/yellow coloured core and black coloured cores numbered OB / JB - coloured cores acc. to HD 308.1
Stranding	In layers of optimum pitch
Sheath	PVC (Polyvinyl Chloride) Compound
Sheath Colour	RAL 9005 Black ; RAL 5015 Blue ; RAL 7001 Grey

TECHNICAL SPECIFICATION

Temperature Range	-30°C to +70°C (Fixed)
Minimum Bending Radius	7,5 x outer diameter
Flame Retardant	IEC 60332-1-2

ELECTRICAL SPECIFICATION

Conductor cross-section	nom.	mm2	0,5	0,75	1	1,5	2,5
Conductor resistance	max.	Ω/km	39	26	19,5	13,3	7,98
Insulation resistance test	1 kv min.	MΩxkm	20				
Test voltage		V	2000				
Operating Voltage		V	300/500 V				

CE REACH COMPLIANT RoHS COMPLIANT FLAME RETARDANT UKAS QUALITY MANAGEMENT 001 CPR

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CROSS SECTION	OUTER DIA. ±(%5)	G
mm2	mm	Kg/Km
2x0,5	5,00	38
3x0,5	5,30	39
4x0,5	5,80	47
5x0,5	6,30	58
7x0,5	6,70	71
12x0,5	8,90	118
18x0,5	10,50	174
25x0,5	12,70	238
34x0,5	14,10	307
2x0,75	5,40	47
3x0,75	5,70	48
4x0,75	6,20	59
5x0,75	6,80	73
7x0,75	7,50	95
12x0,75	10,00	158
18x0,75	11,50	225
25x0,75	14,00	309
34x0,75	15,70	409
2x1	5,80	54
3x1	6,10	57
4x1	6,60	70
5x1	7,40	91
7x1	8,00	114
12x1	10,60	189
18x1	12,50	279
25x1	15,10	381
34x1	16,80	497
2x1,5	6,20	68
3x1,5	6,60	72
4x1,5	7,40	94
5x1,5	8,10	116
7x1,5	8,70	148
12x1,5	11,60	246
18x1,5	13,70	365
25x1,5	16,60	501
34x1,5	18,70	667
2x2,5	7,40	101
3x2,5	7,90	110
4x2,5	8,60	139
5x2,5	9,50	173
7x2,5	10,40	228
12x2,5	13,90	381
18x2,5	16,40	567
25x2,5	20,10	788
2x4	8,60	144
3x4	9,20	157
4x4	10,30	206
5x4	11,30	257
7x4	12,40	340
2x6	10,50	214
3x6	11,20	232
4x6	12,50	303
5x6	13,80	382
7x6	15,20	505
3x10	13,90	375
4x10	15,50	492
5x10	17,30	629
3x16	16,20	551
4x16	18,10	733
5x16	20,30	926
3x25	20,90	1004
4x25	23,40	1153
5x25	26,10	1457
3x35	23,70	1157
4x35	26,50	1539
5x35	29,80	1960
3x50	28,40	1656
4x50	31,90	2218
5x50	35,60	2800
4x70	29,80	3488

ÜNKA KABLO

YY - YSLY (0,6/1 kV)

APPLICATION RANGE

In covered places where people are densely found
-Instrumentation and control engineering
-Energy stations
-In machine production as measurement and controlcable
-Production and assembly lines
-In places where medium level mechanical stresses exist
-In places where human life and valuable materials and equipment need to be protected

CONSTRUCTION

Conductor	Stranded electrolytic copper wire Class5, (BS EN 60228:2005)
Insulation	PVC (Polyvinyl Chloride) Compound (EN 50363-3 TI2)
Colour Code	OZ - Black coloured, cores numbered JZ - One green/yellow coloured core and black coloured cores numbered OB / JB - coloured cores acc. to HD 308.1
Stranding	In layers of optimum pitch
Sheath	PVC (Polyvinyl Chloride) Compound (EN 50363-4-1 TM2)
Sheath Colour	RAL 9005 Black or RAL 7001 Grey

TECHNICAL SPECIFICATION

Temperature Range	-30°C to +70°C (Fixed Installation)
Minimum Bending Radius	7,5 x outer diameter
Flame Retardant	IEC 60332-1-2

ELECTRICAL SPECIFICATION

Conductor cross-section	nom.	mm2	0,5	0,75	1	1,5	2,5
Conductor resistance	max.	Ω/km	39	26	19,5	13,3	7,98
Insulation resistance test	1 kv min.	MΩxkm	20				
Test voltage		V	3500				
Operating Voltage		V	600/1000 V				

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