



ÜNKA KABLO

LIYCY

APPLICATION RANGE

In places where electro-magnetic interference and influence exists
 -Instrumentation and control engineering
 -Industrial electronics
 -Computers and office machines
 -Indoor communication systems
 -Indoor sound systems
 -Security systems

CONSTRUCTION

Conductor:	Stranded electrolytic copper wire Class5, (BS EN 60228:2005)
Insulation:	PVC (Polyvinyl Chloride) Compound (EN 50363-3 T12)
Colour Code:	DIN 47100 (<u>Only strip code not ring code</u>)
Stranding:	In layers of optimum pitch
Wrapping:	PES tape
Screen:	Tinned copper braiding
Sheath:	PVC (Polyvinyl Chloride) Compound (EN 50363-4-1 TM2)
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.	mm ²	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	min.	MΩxkm	20				
Test voltage		V	2000				
Operating Voltage		V	300/500 V				



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CROSS SECTION	OUTER DIA. ±(%5)	G
mm2	mm	Kg/Km
2x0,5	5,50	38,73
3x0,5	5,80	47,15
4x0,5	6,30	56,75
5x0,5	6,80	68,24
7x0,5	7,20	82,20
12x0,5	9,40	132,13
18x0,5	11,00	190,25
25x0,5	13,00	250,97
34x0,5	14,60	328,38
2x0,75	5,90	46,04
3x0,75	6,20	57,14
4x0,75	6,70	69,20
5x0,75	7,30	84,12
7x0,75	7,80	103,34
12x0,75	10,30	167,98
18x0,75	12,00	243,13
25x0,75	14,50	330,75
34x0,75	16,20	433,01
2x1	6,30	53,02
3x1	6,60	66,39
4x1	7,10	80,86
5x1	7,70	98,58
7x1	8,50	126,80
12x1	11,10	205,43
18x1	12,80	291,56
25x1	15,40	396,70
34x1	17,30	522,06
2x1,5	6,70	64,13
3x1,5	7,10	82,35
4x1,5	7,70	102,01
5x1,5	8,60	129,38
7x1,5	9,20	161,79
12x1,5	12,10	264,59
18x1,5	14,20	386,56
25x1,5	17,10	526,56
34x1,5	19,20	694,44
2x2,5	7,70	89,57
3x2,5	8,40	122,11
4x2,5	9,10	152,21
5x2,5	10,00	188,37
7x2,5	10,90	244,73
12x2,5	14,40	402,76
18x2,5	16,90	591,38
25x2,5	20,40	807,16
2x4	9,10	128,35
3x4	9,70	171,50
4x4	10,80	222,01
5x4	11,80	275,38
7x4	12,70	353,18
2x6	11,00	185,07
3x6	11,70	249,47
4x6	12,80	316,68
5x6	14,30	403,32
7x6	15,50	520,32
3x10	14,40	396,76
4x10	15,80	507,74
5x10	17,60	646,82
7x10	19,30	851,66
3x16	16,70	576,95
4x16	18,40	751,50
5x16	20,60	946,77
3x25	18,80	941,00
4x25	23,90	1204,00
5x25	26,60	1482,00
3x35	24,40	1240,00
4x35	27,20	1608,00
5x35	30,30	1981,00
3x50	28,00	1695,26
4x50	31,30	2205,15
5x50	34,80	2720,58
4x70	35,80	2980,25