



Product Technical Data Sheet

Doküman No :
R14K.0056_0

Sayfa No : 1 / 3

DURAS KABLO YSLCY

TSE K 373, EN 50525-2-51

It is a flexible control cable with PVC insulated and sheathed tinned braid copper wire screened, number coded veins. It is used in dry or humid places in internal environments, in environments where there is no mechanical stress. Thanks to its flexible and thin structures, it is used in mobile facilities and narrow space applications. It is used for measurement and control purposes in electronic control systems, production and assembly lines, engineering projects.



Construction

Conductor	Stranded copper wire Class 5, IEC 60228
Insulation	PVC, Insulation colour according to EN 50334 Black vein white number coding TI12 EN 50363-3
Inner Sheath	PVC -TM2 EN 50363-4-1
Screen	Tinned braided copper wire
Sheath	TM2 EN 50363-4-1

Imprint

DURAS KABLO #FFFFFF YSLCY-XZ XXXmm2 Lot No ww/yy Marked: in white colour number	FFFFFF: Product	Made in Türkiye MMMm Lot No ww/yy MMMm ww/yy: weak/year MMM: meter marks	XXX: cross-sectional area
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Certificates and Regulations

2015/863/EU	RoHS	Restriction of Hazardous Substances
2014/35/EU	LVD	Low Voltage Directive

General Properties

Field of application	Indoor
Ambient temperature	-30 °C+70 °C
Bending radius	7,5 x D

Flame Properties

Flame retardancy	EN 60332-1
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Electrical Properties

Conductor Resistance – Conductor Cross Section	0,5 mm ² ; max. = 39,0 Ω/km 0,75 mm ² ; max. = 26,0 Ω/km 1,0 mm ² ; max. = 19,5 Ω/km 1,5 mm ² ; max. = 13,3 Ω/km 2,5 mm ² ; max. = 7,98 Ω/km
Insulation resistance	min. 20MΩkm
Operating voltage	2500 V
Test voltage	max. 300/500 V

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Malzeme Kodu / Product Number	Yapı / Dimension	Dış Ø yaklaşık / Outer Ø approx. mm	Bakır yaklaşık / Copper approx kg/km	Ağırlık yaklaşık. / Weight approx kg/km
-	2x0,5 mm ²	6,80	20,5	68,5
-	3x0,5 mm ²	7,10	24	74
-	4x0,5 mm ²	7,70	30	91
-	5x0,5 mm ²	8,20	36	103,5
-	6x0,5 mm ²	8,90	41,5	121
-	7x0,5 mm ²	8,90	45,5	125
-	10x0,5 mm ²	10,70	61	166
-	12x0,5 mm ²	11,20	75	190,5
-	14x0,5 mm ²	12,00	85	220
-	16x0,5 mm ²	12,60	93,5	240
-	18x0,5 mm ²	13,30	111	274
-	19x0,5 mm ²	13,30	115	278,5
-	24x0,5 mm ²	15,10	142	340
-	27x0,5 mm ²	15,50	156,5	367,5
-	30x0,5 mm ²	15,90	170	391,5
-	33x0,5 mm ²	16,80	193	437
-	36x0,5 mm ²	17,20	207	465
-	37x0,5 mm ²	17,20	211	469

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-	2x0,75 mm ²	7,20	25,5	78
-	3x0,75 mm ²	7,70	32	95
-	4x0,75 mm ²	8,20	40	108,5
-	5x0,75 mm ²	8,90	47	126
-	6x0,75 mm ²	9,50	55,5	143,5
-	7x0,75 mm ²	9,50	61	150
-	10x0,75 mm ²	12,00	89,5	218
-	12x0,75 mm ²	12,40	103,5	243
-	14x0,75 mm ²	12,90	116,5	267
-	16x0,75 mm ²	13,90	138	310
-	18x0,75 mm ²	14,30	152,5	335
-	19x0,75 mm ²	14,30	159	342
-	24x0,75 mm ²	16,50	196	426,5
-	27x0,75 mm ²	17,00	225	470
-	30x0,75 mm ²	17,70	247	515
-	33x0,75 mm ²	18,60	270	553,5
-	36x0,75 mm ²	19,20	291,5	607
-	37x0,75 mm ²	19,20	297	611,5

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-	2x1 mm ²	7,70	30	90,5
-	3x1 mm ²	8,00	40	107
-	4x1 mm ²	8,50	48,5	121,5
-	5x1 mm ²	9,30	58,5	144
-	6x1 mm ²	10,00	69	165,5
-	7x1 mm ²	10,00	77,5	174
-	10x1 mm ²	12,60	111	250
-	12x1 mm ²	13,00	128	278,5
-	14x1 mm ²	13,90	154,5	325
-	16x1 mm ²	14,80	173	365
-	18x1 mm ²	15,30	191	397,5
-	19x1 mm ²	15,30	200	406
-	24x1 mm ²	17,60	249	507
-	27x1 mm ²	18,30	285	564,5
-	30x1 mm ²	19,10	312,5	620
-	33x1 mm ²	19,80	340	665
-	36x1 mm ²	20,50	367,5	721
-	37x1 mm ²	20,60	386,5	740

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-	2x1,5 mm ²	8,30	39	108,5
-	3x1,5 mm ²	8,90	52	135,5
-	4x1,5 mm ²	9,50	65,5	156
-	5x1,5 mm ²	10,10	79	177,5
-	6x1,5 mm ²	11,10	93	211
-	7x1,5 mm ²	11,10	105,5	222,5
-	10x1,5 mm ²	14,10	160	329
-	12x1,5 mm ²	14,80	186	376
-	14x1,5 mm ²	15,40	213	417,5
-	16x1,5 mm ²	16,40	240	469
-	18x1,5 mm ²	17,10	275	525
-	19x1,5 mm ²	17,10	288	536,5
-	24x1,5 mm ²	19,90	359	678
-	27x1,5 mm ²	20,60	397	743,5
-	30x1,5 mm ²	21,30	448,5	815
-	33x1,5 mm ²	22,30	489	887
-	36x1,5 mm ²	22,90	529	952,5
-	37x1,5 mm ²	22,90	540	964,5



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-	2x2,5 mm ²	9,60	58	150,5
-	3x2,5 mm ²	10,10	80	185
-	4x2,5 mm ²	11,00	101,5	221
-	5x2,5 mm ²	12,30	129	272
-	6x2,5 mm ²	13,40	151,5	320
-	7x2,5 mm ²	13,40	172	338,5
-	10x2,5 mm ²	16,70	250	480
-	12x2,5 mm ²	17,30	302	548,5
-	14x2,5 mm ²	18,50	346	631
-	16x2,5 mm ²	19,80	391,5	717
-	18x2,5 mm ²	20,60	435	790
-	19x2,5 mm ²	20,60	455	810
-	24x2,5 mm ²	23,90	562	1028
-	27x2,5 mm ²	25,00	663	1120
-	30x2,5 mm ²	25,80	727	1250
-	33x2,5 mm ²	27,10	792	1368
-	36x2,5 mm ²	28,00	875	1490
-	37x2,5 mm ²	28,00	897	1510