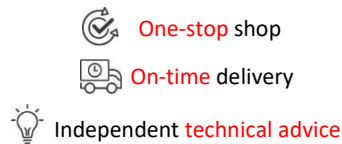


We distribute the Global Cables brand of high quality power and data cables. Both single conductor and multi conductor, both European and UL standards. Please feel free to contact us for any special cable requirements.

Single Conductor Cable





Tri-rated – H05V2-K / H07V2-K / BS 6231 - UL1015 CSA 22.2 Flexible PVC Cable

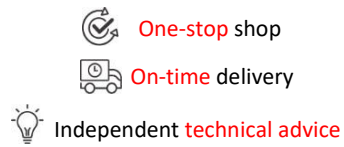


TECHNICAL SPECIFICATIONS

Cable standards	BS EN 50525-2-31 BS 6231 Type CK, UL Subj.758, CSA C22.2 No. 210 (HD 21.7 S2) #LL246095, BS EN/IEC 60332, BS EN 60228
Voltage rating	UL, CSA: 600/1000V BS 6231: 600/1000V BS EN 50525-2-31: 300/500V, 450/750V
Temperature rating	UL, CSA: +105°C BS 6231: +90°C Minimum: -15°C
Cable construction	UL Style Number 1015 Conductor Class 5 flexible copper conductor Insulation PVC (Polyvinyl Chloride) Type T13
Minimum bending radius	6 x overall diameter

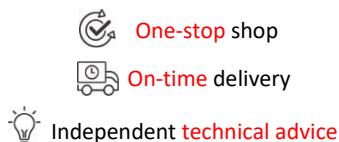
CABLE DESIGN PARAMETERS

Nominal Cross-Section (mm ²)	Approximate AWG	Nominal thickness of insulation (mm)	Nominal overall diameter (mm)	Nominal Weight (kg/km)	Max. Resistance of Conductor at 20°C Plain Wires (Ω/km)
0,5	21	0,8	2,7	11	39
0,75	19	0,8	2,85	15	26
1	18	0,8	3	18	19,5
1,5	16	0,8	3,3	23	13,3
2,5	14	0,8	3,75	35	7,98
4	12	0,8	4,35	48	4,95
6	10	0,8	4,85	69	3,3
10	8	1	6,3	117	1,91
16	6	1	8,1	191	1,21
25	4	1,2	9,4	281	0,78
35	2	1,2	10,9	389	0,554
50	1	1,4	13,1	560	0,386
70	2/0	1,4	15,1	774	0,272
95	3/0	1,6	16,1	991	0,206
120	4/0	1,6	17,9	1231	0,161
150	250 MCM	1,8	20,2	1534	0,129
185	350 MCM	2	22,85	1878	0,106
240	450 MCM	2,2	24,4	2381	0,0801



ELECTRICAL CHARACTERISTICS		
Nominal Cross-Section (mm²)	Current Rating (PEAK) (A)	Voltage Drop (mV/A/m)
0.5	11	46
0.75	14	31
1	17	22
1.5	21	15
2.5	30	9.1
4	41	5.7
6	53	3.8
10	75	2.2
16	100	1.4
25	136	0.89
35	167	0.64
50	204	0.45
70	259	0.32
95	321	0.24
120	374	0.19
150	429	0.16
185	496	0.13
240	595	0.1

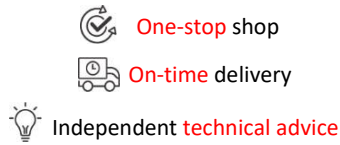
DERATING FACTORS							
Ambient air T (°C)	45	50	55	60	65	70	75
Derating factor	1	0,97	0,90	0,82	0,73	0,63	0,52
Where cables are to be grouped, the following factors should be applied							
No. of cables in group	2	3	4	5	6	7	8
Derating factor	0,80	0,70	0,65	0,60	0,56	0,53	0,50



PRODUCT CODES			
Per meter			
ORDERING CODE	COLOR	SECTION (mm ²)	Factory Packaging (standard drum length in m)
K-UL1015-0.5	Black	0,5	On request
K-UL1015-0.75	Black	0,75	On request
K-UL1015-1	Black	1	On request
K-UL1015-1.5	Black	1,5	On request
K-UL1015-2.5	Black	2,5	On request
K-UL1015-4	Black	4	On request
K-UL1015-6	Black	6	On request
K-UL1015-10	Black	10	On request
K-UL1015-16	Black	16	On request
K-UL1015-25	Black	25	On request
K-UL1015-35	Black	35	On request
K-UL1015-50	Black	50	On request
K-UL1015-70	Black	70	On request
K-UL1015-95	Black	95	On request
K-UL1015-120	Black	120	On request
K-UL1015-150	Black	150	On request
K-UL1015-185	Black	185	On request
K-UL1015-240	Black	240	On request
K-UL1015-0.5-*	*	0,5	On request
K-UL1015-0.75-*	*	0,75	On request
...	*

* also available in other colors, please add following color codes to the ordering code

- BLU = Blue
- BRN = Brown
- DBL = Dark Blue
- GRN = Green
- GYE = Green/Yellow
- GRY = Grey
- LBL = Light Blue
- ORN = Orange
- PNK = Pink
- RED = Red
- VIL = Violet
- WHT = White
- YEL = Yellow



ORDERING CODE FOR BULK

Example:

K-UL1015-70-RED-50M-0

Cable: _____

UL1015

Section: _____

- 0,5 mm²
- 0,75 mm²
- 1 mm²
-
- 120 mm²
- 150 mm²
- 185 mm²
- 240 mm²

Color: _____




- No color code = Black
- BLU = Blue
- BRN = Brown
- DBL = Dark Blue
- GRN = Green
- GYE = Green/Yellow
- GRY = Grey
- LBL = Light Blue
- ORN = Orange
- PNK = Pink
- RED = Red
- VIL = Violet
- WHT = White
- YEL = Yellow

Length: _____

- 025M - 25 meter
- 050M - 50 meter
- 100M - 100 meter

Packaging: _____

- 0 - Ring with cable ties (*standard packaging*)
- F - Plastic shrink foil
- T - Plywood drum
- P - Plastic drum
- W - Wooden drum

 One-stop shop
 On-time delivery
 Independent technical advice



BULK PACKAGING		
Code	Description	Picture
0	Ring with cable ties = <i>standard packaging</i>	
F	Plastic shrink foil	
T	Plywood drum	
P	Plastic drum	
W	Wooden drum	