



LEDBURN CABLES IS
AN INDEPENDENTLY
OWNED CABLE
DISTRIBUTOR.

SINGLE CORE CABLE-2491X PVC H07V-K CABLE 450/750V

*Internal equipment wire. Also used in instrumentation
panels of power switchgear.*

Application: Internal equipment wire. Also used in instrumentation panels of power switchgear.

Conductor: Plain annealed flexiblecopper

Sheath: PVC(Polyvinyl chloride)

Operating temperature: Maximum 70°C, Minimum bending 0°C

Voltage: 450/750V

Standards: BS6004: Electric cables. PVC insulated, non-armoured cables for voltages up to andincluding 450/750V, for electric power, lighting and internalwiring (H07V-K).

Specification

Size sqmm	RT on insulation mm	Approx conductor dia mm	Nom overall dia mm	Weight kg/km	Electrical resistance at 20°C OHM/KM	Insulation resistance min at 70°C OHM/KM	Current carrying capacity at 30°C in air or pipe
1.5	0.7	1.6	3.1	21	13.3	0.01	15.5
2.5	0.8	2.0	3.75	33	7.98	0.009	21
4	0.8	2.6	4.4	48	4.95	0.007	28
6	0.8	3.4	4.9	66	3.3	0.006	36
10	1.0	4.4	6.4	112	1.91	0.0056	50
16	1.0	5.7	7.4	167	1.21	0.0046	68
25	1.2	6.9	9.1	254	0.78	0.0044	89
35	1.2	8.1	10.35	340	0.554	0.0038	110
50	1.4	9.8	12.4	485	0.386	0.0037	154
70	1.4	11.6	13.6	674	0.272	0.0032	171
95	1.6	13.3	15.8	894	0.206	0.0032	207
120	1.8	15.1	17.4	1110	0.161	0.0029	239

Part Number Table

	1.5	2.5	4.0	6.0	10	16	25	35	50	70	95	120
Blue	37497	37247	37360	37400	37406	-	-	37516	-	-	-	-
Brown	37494	37250	37366	37402	37407	-	-	-	-	-	-	-
Red	37493	37053	37066	37498	37499	-	-	37515	-	-	-	-
Grey	37046	37059	-	-	-	-	-	-	-	-	-	-
Black	37495	37234	37067	37398	37403	37408	37416	37418	37210	37219	-	-
Green/Yellow	37496	37065	37073	37380	37106	37154	37174	37175	37203	37641	37489	37241
Yellow	37047	37058	37071	-	-	-	-	-	-	-	-	-
White	37045	37060	37069	37644	-	-	-	-	-	-	-	-
Green	37051	37063	37072	-	-	-	-	-	-	-	-	-
Violet	37050	37062	-	-	-	-	-	-	-	-	-	-
Pink	37048	37055	-	-	-	-	-	-	-	-	-	-
Orange	37049	37061	-	-	-	-	-	-	-	-	-	-

Parts option

Part No.	Core	Size	Colour/Reference
37497	1	1.5sqmm	Blue
37494	1	1.5sqmm	Brown
37493	1	1.5sqmm	Red
37046	1	1.5sqmm	Grey
37495	1	1.5sqmm	Black
37496	1	1.5sqmm	Green/Yellow
37047	1	1.5sqmm	Yellow
37045	1	1.5sqmm	White

37051	1	1.5sqmm	Green
37050	1	1.5sqmm	Violet
37048	1	1.5sqmm	Pink
37049	1	1.5sqmm	Orange
37250	1	2.5sqmm	Brown
37053	1	2.5sqmm	Red
37059	1	2.5sqmm	Grey
37234	1	2.5sqmm	Black
37065	1	2.5sqmm	Green/Yellow
37058	1	2.5sqmm	Yellow
37060	1	2.5sqmm	White
37063	1	2.5sqmm	Green
37062	1	2.5sqmm	Voilet
37055	1	2.5sqmm	Pink
37061	1	2.5sqmm	Orange
37360	1	4sqmm	Blue
37366	1	4sqmm	Brown
37066	1	4sqmm	Red
37067	1	4sqmm	Black
37073	1	4sqmm	Green/Yellow
37071	1	4sqmm	Yellow
37069	1	4sqmm	White
37072	1	4sqmm	Green
37400	1	6sqmm	Blue
37402	1	6sqmm	Brown
37498	1	6sqmm	Red
37398	1	6sqmm	Black
37380	1	6sqmm	Green/Yellow
37644	1	6sqmm	White
37406	1	10sqmm	Blue
37407	1	10sqmm	Brown
37499	1	10sqmm	Red
37403	1	10sqmm	Black
37106	1	10sqmm	Green/Yellow
37408	1	16sqmm	Black
37154	1	16sqmm	Green/Yellow
37416	1	25sqmm	Black
37174	1	25sqmm	Green/Yellow
37516	1	35sqmm	Blue
37515	1	35sqmm	Red
37418	1	35sqmm	Black
37175	1	35sqmm	Green/Yellow
37210	1	50sqmm	Black
37203	1	50sqmm	Green/Yellow
37219	1	70sqmm	Black
37641	1	70sqmm	Green/Yellow
37489	1	95sqmm	Green/Yellow
37241	1	120sqmm	Green/Yellow