GENERAL WIRING CABLES
TRADE PRICE LIST NO. 18

Effective from 10/01/11

AEI CABLES

Conduit Wiring

Conductor Nominal Area mm²		PVC Insulated - BS 6004 Single Core 6491X Per 1000m Standard Colours	Green/Yellow	Band	Group	LSZH Insulated - BS 7211 Single Core 6491B LSZH Per 1000m Standard Colours	Green/Yellow	Band	Group
		£	£			£	£		
1.5	Str	1,189	1,189	B1	A	1,808	1,808	B7	H
2.5	Str	1,754	1,754	B1	A	2,473	2,473	B7	H
4.0	Str	3,894	3,894	B1	B	5,021	5,021	B7	J
6.0	Str	5,659	5,659	B1	B	7,466	7,466	B7	J
10.0	Str	10,578	10,578	B1	B	12,694	12,694	B7	J
16.0	Str	16,700	16,700	B1	C	17,946	17,946	B7	J
25.0	Str	17,295	16,088	B2	C	35,754	33,262	B7	J
35.0	Str	21,519	19,935	B2	C	46,217	42,840	B7	J
50.0	Str	31,378	P.O.A.	B2	C	53,094	P.O.A.	B7	J
70.0	Str	39,550	P.O.A.	B2	C	77,301	P.O.A.	B7	J
95.0	Str	62,426	P.O.A.	B2	C	95,823	P.O.A.	B7	J
120.0	Str	P.O.A.	P.O.A.	-	-	P.O.A.	P.O.A.	-	-
150.0	Str	P.O.A.	P.O.A.	-	-	P.O.A.	P.O.A.	-	-
185.0	Str	P.O.A.	P.O.A.	-	-	P.O.A.	P.O.A.	-	-
240.0	Str	P.O.A.	P.O.A.	-	-	P.O.A.	P.O.A.	-	-
300.0	Str	P.O.A.	-	-	-	P.O.A.	-	-	-
400.0	Str	P.O.A.	-	-	-	P.O.A.	-	-	-

Colours: Blue, Black, Grey, Brown, Green/Yellow

Armoured Cable

XLPE Insulated. PVC Bedding. Steel Wire Armoured. PVC Sheathed - BS 5467H

Conductor Nominal Area mm²		1.5str	2.5str			4.0str	6.0str	10.0str	16.0str		
Cores	Ref. No	per 1000m	per 1000m	Band	Group	per 1000m	per 1000m	per 1000m	per 1000m	Band	Group
		£	£			£	£	£	£		
2	6942XL-H	5,034	5,792	B4	F	9,148	11,551	17,351	21,244	B4	G
3	6943XL-H	5,650	6,929	B4	F	10,741	13,622	24,319	30,076	B4	G
4	6944XL-H	6,279	8,010	B4	F	12,804	17,301	28,348	33,340	B4	G
5	6945XL	10,468	13,762	B5	G	-	-	-	-	-	-
7	6947XL	11,817	16,067	B5	G	-	-	-	-	-	-
12	694/12XL	19,167	25,705	B5	G	-	-	-	-	-	-
19	694/19XL	28,962	40,275	B5	G	-	-	-	-	-	-

Colour: Black

XLPE Insulated. LSZH Bedding. Steel Wire Armoured. LSZH Sheathed - BS 6724H

Conductor Nominal Area mm²		1.5str	2.5str			4.0str	6.0str	10.0str	16.0str		
Cores	Ref. No	per 1000m	per 1000m	Band	Group	per 1000m	per 1000m	per 1000m	per 1000m	Band	Group
		£	£			£	£	£	£		
2	6942LSZH-H	8,307	9,496	B6	M	12,100	13,930	18,831	26,064	B6	M
3	6943LSZH-H	9,125	10,045	B6	M	13,609	16,457	22,808	30,451	B6	M
4	6944LSZH-H	10,109	12,072	B6	M	15,956	20,258	26,480	37,175	B6	M
5	6945LSZH	13,512	16,752	B6	M	-	-	-	-	-	-
7	6947LSZH	17,698	22,451	B6	M	-	-	-	-	-	-
12	694/12LSZH	26,076	32,443	B6	M	-	-	-	-	-	-
19	694/19LSZH	38,072	50,876	B6	M	-	-	-	-	-	-

Colour: Black

Surface Wiring

Conductor Nominal Area mm²		PVC Insulated & Sheathed - BS 6004				XLPE Insulated & LSZH Sheathed - BS 7211			
		Flat twin with bare CPC				Flat twin with bare CPC			
		6242Y-H				6242B-H LSZH			
		100m Per 1000m	50m Per 1000m	Band	Group	100m Per 1000m	50m Per 1000m	Band	Group
		£	£			£	£		
1.0	Sld	2,290	2,688	B1	A	-	-	-	-
1.5	Sld	2,858	3,364	B1	A	3,924	-	B8	T
2.5	Sld	3,909	4,625	B1	A	5,423	-	B8	T
1.5	**Str**	2,973	-	B1	-	P.O.A.	-	B8	-
2.5	**Str**	4,067	-	B1	-	P.O.A.	-	B8	-
4.0	Str	13,293	15,592	B1	B	16,330	-	B8	U
6.0	Str	15,788	18,501	B1	B	23,267	-	B8	U
10.0	Str	26,044	27,986	B2	C	41,732	-	B8	U
16.0	Str	41,511	44,616	B2	C	60,858	-	B8	V

Colour: PVC Grey LSZH White. 6242Y (2 Brown cores) 25% extra

Conductor Nominal Area mm²		PVC Insulated & Sheathed - BS 6004				XLPE Insulated & LSZH Sheathed - BS 7211			
		Flat three core with bare CPC				Flat three core with bare CPC			
		6243Y-H				6243B-H LSZH			
		100m Per 1000m	50m Per 1000m	Band	Group	100m Per 1000m	50m Per 1000m	Band	Group
		£	£			£	£		
1.0	Sld	6,018	7,052	B1	B	-	-	-	-
1.5	Sld	9,499	11,122	B1	B	13,878	-	B8	U
2.5	Sld	-	-	-	-	16,471	-	B8	-

Colour: PVC Grey LSZH White.

Conductor Nominal Area mm²		PVC Insulated & Sheathed - BS 6004				XLPE Insulated & LSZH Sheathed - BS 7211		
		Single core				Single core		
		6181Y-H				6181B-H LSZH		
		100m Per 1000m	50m Per 1000m	Band	Group	100m Per 1000m	Band	Group
		£	£			£		
1.0	Sld	1,701	-	B2	C	-	-	-
1.5	Sld	2,258	-	B2	C	P.O.A.	-	-
2.5	Sld	P.O.A.	-	B2	C	-	-	-
4.0	Str	P.O.A.	-	B2	C	-	-	-
6.0	Str	P.O.A.	P.O.A.	B2	C	-	-	-
10.0	Str	P.O.A.	P.O.A.	B2	C	-	-	-
16.0	Str	16,581	18,080	B2	B	-	-	-
25.0	Str	31,771	34,151	B2	B	-	-	-
35.0	Str	48,369	52,958	B2	B	-	-	-

Colour: Brown-Grey, Blue-Grey

Conductor Nominal Area mm²		PVC Insulated & Sheathed - BS 6004				XLPE Insulated & LSZH Sheathed - BS 7211		
		Flat single core with bare CPC				Flat single core with bare CPC		
		6241Y-H				6241B-H LSZH		
		100m Per 1000m	50m Per 1000m	Band	Group	100m Per 1000m	Band	Group
		£	£			£		
1.0	Sld	2,839	-	B2	C	-	-	-
1.5	Sld	3,551	-	B2	C	P.O.A.	-	-

Colour: Brown-Grey, Blue-Grey

Flexible Cords

Conductor Nominal Area mm²		HRPVC Insulated & Sheathed - BS 6500														
		Three core circular					Four core circular					Five core circular				
		3093Y					3094Y					3095Y				
		100m Per 1000m	Group	50m Per 1000m	Group	Band	100m Per 1000m	Group	50m Per 1000m	Group	Band	100m Per 1000m	Group	50m Per 1000m	Group	Band
		£		£			£		£			£		£		
0.5	Flx	3,377	E	3,785	E	B3	-	-	-	-	-	-	-	-	-	-
0.75	Flx	3,590	E	4,017	E	B3	5,448	E	5,713	E	B3	6,728	E	7,067	E	B3
1.0	Flx	4,893	E	5,461	E	B3	-	-	-	-	-	-	-	-	-	-
1.5	Flx	6,816	E	7,626	E	B3	-	-	-	-	-	-	-	-	-	-
2.5	Flx	10,212	E	11,443	E	B3	-	-	-	-	-	-	-	-	-	-

Colour: White - other 10% extra

Conductor Nominal Area mm²		PVC Insulated & Sheathed - BS 6500														
		Twin core					Three core					Three core				
		3182Y					3183Y					3183Y Arctic Grade				
		100m Per 1000m	Group	50m Per 1000m	Group	Band	100m Per 1000m	Group	50m Per 1000m	Group	Band	100m Per 1000m	Group	50m Per 1000m	Group	Band
		£		£			£		£			£		£		
0.75	Flx	1,814	E	2,029	E	B3	1,761	D	1,965	E	B3	-	-	-	-	-
1.0	Flx	2,350	E	2,516	E	B3	2,146	D	2,386	E	B3	-	-	-	-	-
1.5	Flx	-	-	-	-	-	2,975	D	3,322	E	B3	3,273	E	-	-	B3
2.5	Flx	-	-	-	-	-	6,084	E	6,797	E	B3	6,690	E	-	-	B3

Colour: White - other 10% extra

Colour: Blue or Yellow

Conductor Nominal Area mm²		PVC Insulated & Sheathed - BS 6500									
		Four core					Five core				
		3184Y					3185Y				
		100m Per 1000m	Group	50m Per 1000m	Group	Band	100m Per 1000m	Group	50m Per 1000m	Group	Band
		£		£			£		£		
0.75	Flx	4,904	E	5,501	E	B3	9,946	E	11,052	E	B3
1.0	Flx	5,742	E	6,429	E	B3	10,814	E	12,109	E	B3
1.5	Flx	8,181	E	9,138	E	B3	15,139	E	16,945	E	B3
2.5	Flx	12,632	E	14,131	E	B3	23,835	E	26,669	E	B3

Colour: White - other 10% extra

Tri-Rated Cable

Heat resisting PVC insulated UL758 CSA C22.2 BS 6231	
Conductor Nominal Area mm²	Singlecore Tri-Rated 100m per 1000m
	£
0.5	385
0.75	492
1.0	611
1.5	855
2.5	1,371
4.0	2,068
6.0	3,021
10.0	5,709

Colours: Brown, Black, Grey, Green/Yellow, Blue

PROTEC Screened Wiring Cables

Conductor Nominal Area mm²		XLPE Insulated, Aluminium Screened and LSZH Sheathed - BS 8436		
		2 Core	3 Core	4 Core
		100's Per 1000m	100's Per 1000m	100's Per 1000m
		£	£	£
1.0	Sld	P.O.A	P.O.A	P.O.A
1.5	Sld	4,778	5,560	6,690
2.5	Sld	6,137	7,361	P.O.A
4.0	Str	10,411	P.O.A	P.O.A
6.0	Str	12,949	P.O.A	P.O.A
10.0	Str	24,096	P.O.A	P.O.A
16.0	Str	P.O.A	P.O.A	P.O.A

Colour: White

Data Cable

4 Pair Cat 5E PVC Per Box
£
253

Colour: Grey

Firetec Cable and Accessories LSZH

Conductor Nominal Area mm²		Firetec Standard LSZH Insulated & Sheathed BS 7629				Clips		Glands		Shrouds	
		Core	Ref.	100m/500m per 1000m	Group	Ref.	per 50	Ref.	per 10	Ref.	per 10
				£			£		£		£
1.5	Sld	2	S2C1.5E	4,043	R	FCL30	30.56	FG1	19.93	FXG20	37.18
2.5	Sld	2	S2C2.5E	8,415	S	FCL34	33.20	FG1	19.93	FXG20	37.18
4.0	Str	2	S2C4E Str	13,103	S	FCL43	53.13	FG2	21.25	FXG20	37.18
1.5	Sld	3	S3C1.5E	8,615	S	FCL32	34.53	FG1	19.93	FXG20	37.18
2.5	Sld	3	S3C2.5E	10,692	S	FCL37	42.49	FG2	21.25	FXG20	37.18
1.5	Sld	4	S4C1.5E	10,434	S	FCL34	33.20	FG1	19.93	FXG20	37.18
2.5	Sld	4	S4C2.5E	14,586	S	FCL43	53.13	FG2	21.25	FXG20	37.18

Colour: Red or White

Conductor Nominal Area mm²		Firetec Enhanced LSZH Insulated & Sheathed BS 7629				Clips		Glands		Shrouds	
		Core	Ref.	100m/500m per 1000m	Group	Ref.	per 50	Ref.	per 10	Ref.	per 10
				£			£		£		£
1.5	Sld	2	E2C1.5E	6,882	S	FCL34	33.20	FG1	19.93	FXG20	37.18
2.5	Sld	2	E2C2.5E	8,711	S	FCL37	42.49	FG1	19.93	FXG20	37.18
1.5	Sld	3	E3C1.5E	9,217	S	FCL37	42.49	FG1	19.93	FXG20	37.18
1.5	Sld	4	E4C1.5E	10,862	S	FCL40	47.82	FG2	21.25	FXG20	37.18
2.5	Sld	4	E4C2.5E	16,381	S	FCL47	63.77	FG2	21.25	FXG20	37.18

Colour: Red or White

Firetec Armoured
XLPE Insulated. LSZH Bedding. Steel Wire Armoured. LSZH Sheathed - BS 7846.

Conductor Nominal Area mm²		1.5str	2.5str	4.0str	6.0str	10.0str	16.0str
Cores	Ref. No	per 1000m	per 1000m	per 1000m	per 1000m	per 1000m	per 1000m
		£	£	£	£	£	£
2	F2CA*	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
3	F3CA*	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
4	F4CA*	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
5	F5CA*	P.O.A.	P.O.A.	-	-	-	-
7	F7CA*	P.O.A.	P.O.A.	-	-	-	-
12	F12CA*	P.O.A.	P.O.A.	-	-	-	-
19	F19CA*	P.O.A.	P.O.A.	-	-	-	-

Colour: Black
* Follow reference with conductor nominal area e.g F2CA1.5

Conductor Nominal Area mm²		Firetec Singlecore LSZH Insulated		
		Ref.	per 1000m	Group
			£	
1.0	Str	F1C1.0	2,515	P
1.5	Str	F1C1.5	2,638	P
2.5	Str	F1C2.5	3,167	P
4.0	Str	F1C4.0	3,827	P
6.0	Str	F1C6.0	4,046	P
10.0	Str	F1C10.0	6,179	P
16.0 to 1000.0 available - P.O.A.				

Colours: Brown, Black, Grey, Blue, Red, Orange, Yellow & Green/Yellow

For Mineral Cable and Accessories please refer to the Mineral trade price list.

General Conditions

DELIVERY. Our prices include delivery on the UK Mainland by any method of transport at our option. Our normal delivery, subject to availability, is within three days of order placed. However should you require a special delivery the cost incurred will be charged to your account in full. Responsibility for unloading from carriers rests with the customer or his agent.

PACKING. The cables and flexible cords in this list are usually supplied on non-returnable reels or in coils, according to the size and type, but the following terms will apply if supplied on returnable drums.

Drums – We will supply cable on drums on the understanding that every effort will be made to ensure their prompt return to the Suppliers. Drums will be loaned free of charge, for a period of up to 6 months. After the expiration of this free period, drums not returned will become chargeable. The full invoice price will be refunded if the drum is received back in good condition and complete with lagging within a period of 6 months from the date of invoice.

A pre-paid post card is attached to every drum, which should be completed and returned when the drum is empty and available for collection. In the event of this card being missing please contact our Customer Service Team on 0845 7222 537.

On receipt of advice that empty drums are available for return we will make arrangements for their collection.

SHORT LENGTHS. For less than 50 metres of cable or flexible cord of any one size, type and colour the price will be increased by 25% (minimum), except where otherwise stated.

MINIMUM ORDER CHARGE (TPL VALUE). A minimum order charge of £1000 will apply where the gross value of the order is below this figure.

VAT. Prices exclude VAT which will be added at the appropriate rate at the time of invoice.

LOCAL RATE TELEPHONE NUMBER. As part of our efforts to improve customer service, calls to this number may be recorded.

Our General Conditions of Contract (R8) and our Health and Safety at Work Act 1974 Statement to Users are both available on request.

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www.aeicables.co.uk

AEI Cables' manufacturing site has full **ISO9001** Quality System approval by LPCB and BASEC

For **technical data sheets** visit www.aeicables.co.uk

To place your order contact our Construction Sales Team on:
Tel: (local rate) 0845 722 2537 Fax: (local rate) 0845 722 2533