

PVC INSULATED / PVC SHEATHED

25mm METER TAIL SET



- Comprises:
2m 6181Y 25m Grey/Brown,
2m 6181Y 25m Grey/Blue,
2m 6491X 16m Green/Yellow.
- PVC insulated to BS6004.
- BASEC approved.



	Price		Ref. No.
	1	5+	
25mm Meter Tail Set	31.80	30.70	AL4109

ARCTIC GRADE FLEXIBLE CABLE

3183Y 3 CORE CIRCULAR CABLE PVC SHEATHED TO -40°C



- Temperature range -40°C to +70°C
- Suitable for general purpose site electrical applications.
- BS6500.
- BASEC certified.
- Voltage rating 300/500v.



Conductor Area (mm ²)	Conductor Colour	Sheath Colour	Drum Length	Price		Ref. No.
				1	5+	
1.5	Brown/Blue	Blue	100	101.75	97.85	AL6200
1.5	Brown/Blue	Yellow	100	101.75	97.85	AL6201
2.5	Brown/Blue	Blue	100	161.75	154.75	AL6202
2.5	Brown/Blue	Yellow	100	161.75	154.75	AL6203

6181YH HARMONISED CIRCULAR SINGLE CORE - PRE-CUT LENGTHS



- Easy to handle.
- Suitable for surface wiring installations.
- BS6004.
- BASEC certified.
- Voltage rating 300/500v.



Conductor Area (mm ²)	Conductor Colour	Sheath Colour	Drum Length	Price		Ref. No.
				1	5+	
16	Brown	Grey	5	16.50	15.85	AL4117
16	Blue	Grey	5	16.50	15.85	AL4124
25	Brown	Grey	5	24.70	23.70	AL4166
25	Blue	Grey	5	24.70	23.70	AL4202

FREE RECYCLING

We'll recycle any Alto product Free of Charge plus any product which needs to be recycled when you buy an Alto replacement.



ARMOURED CABLES

6943XH 3 CORE, STRANDED SWA XLPE INSULATED / PVC SHEATHED



- For mains distribution, underground ducts or surface installations.
- BASEC approved, BS5467 or BS6346 certified, voltage rating 600/1000v.
- Sheath colour black.



Conductor area (mm ²)	Drum length m	Price		Ref. No.
		1	3+	
1.5	25	52.05	50.05	AL4034
1.5	50	97.50	93.70	AL4036
2.5	25	62.40	60.05	AL4039
2.5	50	115.90	111.45	AL4043
4	25	85.40	82.15	AL4044
4	50	163.10	156.90	AL4047
6	25	106.35	102.20	AL4049
6	50	204.05	196.25	AL4051
10	25	168.65	162.20	AL4053

LOW VOLTAGE CABLES

2 CORE BELL WIRE



- One side ribbed for easy polarity identification.
- 0.6mm diameter, annealed copper conductors 50v DC maximum.



Sheath colour	Drum length m	Price		Ref. No.
		1	5+	
White	100	13.65	11.40	AL6230

6944XH 4 CORE, STRANDED SWA XLPE INSULATED / PVC SHEATHED

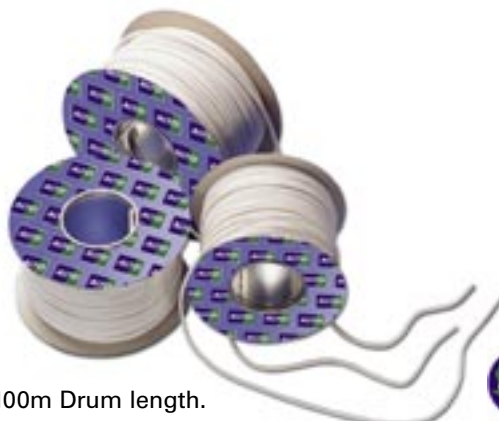


- For mains distribution, underground ducts or surface installations.
- BASEC approved, BS5467 or BS6346 certified, voltage rating 600/1000v.
- Sheath colour black.



Conductor area (mm ²)	Drum length m	Price		Ref. No.
		1	3+	
1.5	25	59.95	57.70	AL4064
1.5	50	114.20	109.80	AL4068
2.5	25	74.60	71.75	AL4069
2.5	50	140.70	135.30	AL4079
4	25	100.50	96.60	AL4082
4	50	198.95	191.30	AL4102
6	25	138.55	133.20	AL4103
6	50	268.75	258.35	AL4104
10	25	213.90	205.75	AL4107

LOW VOLTAGE ALARM CABLE



- 100m Drum length.
- Available in 4, 6, 8 and 12 core.
- 7 x 0.19mm diameter, annealed copper conductors.



Sheath Colour	Drum Length m	Price		Ref. No.
		1	3+	
4	White	27.15	26.10	AL6192
6	White	41.10	39.55	AL6193
8	White	51.45	49.45	AL6194
12	White	60.90	58.45	AL6195

CO-AXIAL / SATELLITE CABLE

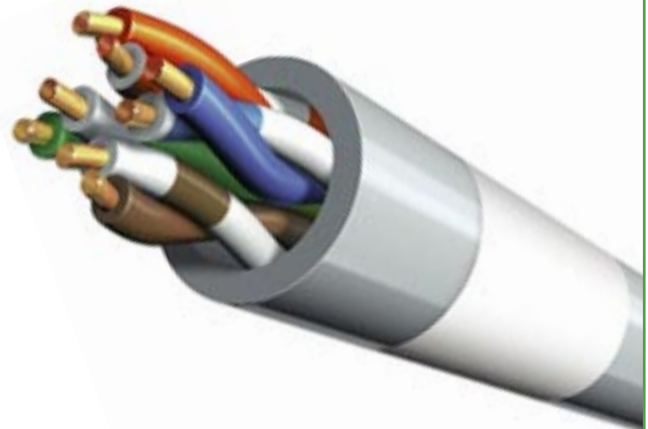


- Satellite cable, 75 ohm impedance c/w dielectric airspace.
- Coaxial cable, solid 1mm annealed cable, braided copper screen, 750 ohm impedance.



Sheath colour	Drum length (m)	Price		Ref. No.
		1	5+	
Satellite				
Black	100	35.70	32.10	AL6220
Coaxial				
Brown	100	24.00	22.50	AL6221
White	100	27.90	25.70	AL6222

CAT5E DATA CABLE



- 4 pair UTP solid cable, DELTA EC approved.
- Conforms to EIA/TIA 568A, ISO 11801 EN 50173.



Sheath colour	Drum length m	Price		Ref. No.
		1	5+	
Grey	305	86.85	78.00	AL2069

TELEPHONE CABLE



- Complies with BT specification CW1308.
- Tinned annealed copper conductors.
- Drum length 100m.



No. of Pairs	Sheath Colour	Price		Ref. No.
		1	5+	
2	White	22.50	21.50	AL4920
3	White	24.55	23.60	AL4921
4	White	37.05	35.65	AL4922

BESPOKE CABLE CUTTING SERVICE



Now we can cut cable to size for next day delivery from our huge stocks in Dagenham including a full range of armoured and power cable.

CABLE RESIN JOINT KITS



- Resin filled 600/1000v cable jointed kits.
- Complies with BS7888 and BS6910 Pt 1 and HD 623SI.
- Size 6, 10, 16mm suitable for cables to BS5467 and BS6346.
- Each kit contains:
Transparent high impact resisting shells, Enclosed polyurethane resin system and disposable gloves, Earth continuity material, Conductor connectors, Full instructions, Sealing tape.



Size mm	Price		Ref. No.
	1	3+	
Industrial Straight LV Resin Joint Kits			
1.5 to 6	30.75	27.75	AL1676
10	45.60	41.05	AL1677
16	59.85	53.90	AL1678
Universal Straight LV Resin Joint Kits			
25 to 35	76.30	68.65	AL1679
50 to 95	173.40	156.10	AL1696
120 to 185	346.25	311.65	AL1697
Branch Kits			
1.5 to 6	72.05	64.90	AL1698
10 to 16	91.85	82.65	AL1699

CABLE CLEATS - HEAVY DUTY

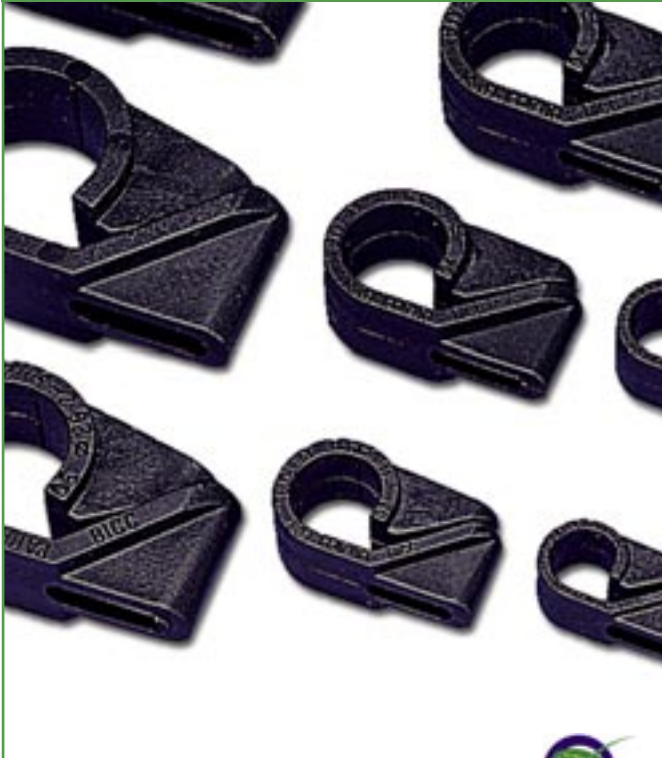


- Corrosion and UV light resistant.
- For use with PVC and XLPE armoured cable.
- Manufactured in low density black polyolefin.
- Colour black.



Size (mm)	Pack Quantity	Price per Pack		Ref. No.
		1	3+	
7.6	50	6.10	5.55	AL6100
10.2	50	6.25	5.65	AL6101
12.7	50	5.95	5.35	AL6102
15.2	50	8.85	8.00	AL6103
17.8	50	9.70	8.75	AL6104
20.3	50	11.25	10.20	AL6105
22.8	50	12.65	11.40	AL6106
25.4	50	13.10	11.85	AL6107
27.7	20	8.85	7.95	AL6108
30.4	20	9.55	8.60	AL6109
33.0	20	10.20	9.20	AL6110
35.6	20	10.80	9.70	AL6111
40.6	20	12.30	11.05	AL6112
45.7	20	14.55	13.15	AL6113
50.8	20	19.50	17.55	AL6114

CABLE TELCLEAT



- For use with PVC and XLPE armoured cable.
- Manufactured in black polythene.



	Pack Quantity	Price per Pack		Ref. No.
		1	3+	
10-15mm	25	5.85	5.25	AL1646
12-17mm	25	8.85	7.95	AL1647
15-20mm	25	9.45	8.55	AL1648
18-24mm	25	10.50	9.45	AL1649
22-29mm	10	5.00	4.50	AL1658
26-34mm	10	8.80	7.90	AL1659
32-42mm	10	10.30	9.35	AL1666
39-51mm	10	13.25	11.90	AL1667

WE STOCK A FULL RANGE OF PPE PRODUCTS

See Pages 245 to 255 for a range of protective workwear including goggles, high visibility jackets, boots and ear defenders



CABLE GLANDS

CABLE GLAND KITS - INDOOR AND OUTDOOR



- High quality, fast, easy to install kits comprising gland(s), locknut(s), earth tag(s) and shroud(s).
- Superior cable armour anchorage and earth continuity.
- Manufactured from a quality grade of brass within an IS9001 system.
- Suitable for all SWA cables.
- Complies with BS6121 Part 1: 1989.



	Pack Quantity	Price per Pack		Ref. No.
		1	5+	
Indoor BW 20smm	2	5.30	4.80	AL3090
Indoor BW 20mm	2	7.70	6.85	AL3091
Indoor BW 25mm	2	12.90	11.65	AL3092
Indoor BW 32mm	2	17.20	15.60	AL3093
Indoor BW 40mm	1	20.60	18.65	AL3094
Indoor BW 50mm	1	42.70	38.50	AL3095
Indoor BW 63mm	1	58.30	52.45	AL3001
Indoor BW 75mm	1	78.50	70.70	AL3014
Outdoor CW 20smm	2	13.75	12.45	AL3096
Outdoor CW 20ssmm	2	13.75	12.45	AL3019
Outdoor CW 20mm	2	18.60	16.80	AL3097
Outdoor CW 25mm	2	26.95	24.25	AL3098
Outdoor CW 32mm	1	24.15	21.80	AL3099
Outdoor CW 40mm	1	36.15	32.55	AL3110
Outdoor CW 50mm	1	60.50	54.50	AL3023
Outdoor CW 63mm	1	76.10	68.55	AL3024
Outdoor CW 75mm	1	100.10	90.15	AL3028

LSF CABLE GLAND KITS

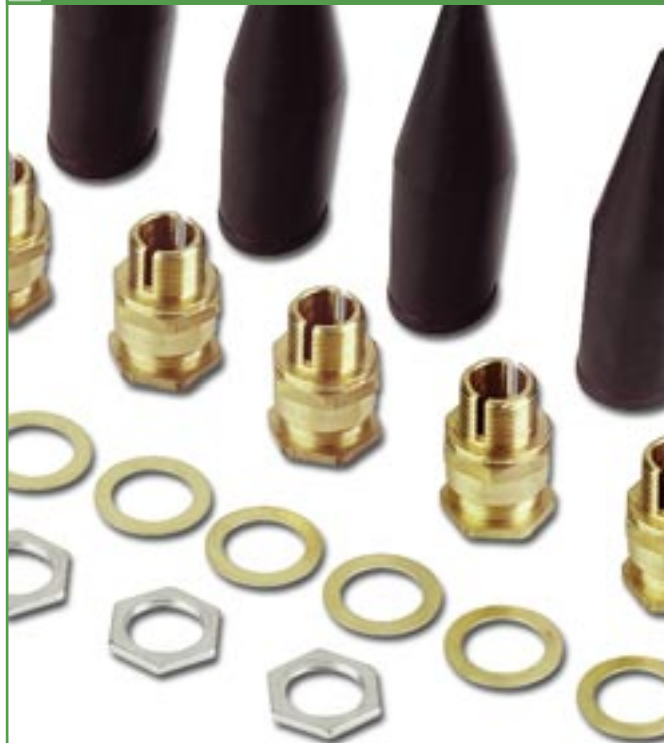


- LSF (zero halogen) cable gland kits for wet and dry environments.
- LUL approved to EN42-A2 1996.



	Pack Quantity	Price per Pack		Ref. No.
		1	5+	
Indoor BW 20smm	2	8.20	7.35	AL3190
Indoor BW 20mm	2	10.85	9.75	AL3191
Indoor BW 25mm	2	17.50	15.85	AL3192
Indoor BW 32mm	2	26.00	23.45	AL3193
Indoor BW 40mm	1	41.50	37.35	AL3059
Indoor BW 50mm	1	42.35	38.15	AL3067
Indoor BW 63mm	1	75.20	67.70	AL3068
Indoor BW 75mm	1	96.50	86.90	AL3083
Outdoor CW 20smm	2	26.60	24.05	AL3084
Outdoor CW 20ssmm	2	26.60	24.05	AL3087
Outdoor CW 20mm	2	29.70	26.80	AL3088
Outdoor CW 25mm	2	40.65	36.60	AL3103
Outdoor CW 32mm	1	35.70	32.25	AL3104
Outdoor CW 40mm	1	55.60	50.10	AL3105
Outdoor CW 50mm	1	56.05	50.35	AL3106
Outdoor CW 63mm	1	116.30	104.65	AL3107
Outdoor CW 75mm	1	173.40	156.15	AL3108

INDUSTRIAL CXT CABLE GLAND KITS



- For use with flexible cable (eg. SY/CY cable) where it is essential to produce an IP66 seal on the cable outer sheath and clamp the wire braid for electrical continuity.
- Each kit contains: A2 gland, Brass locknut, PVC shroud
- Manufactured to BS6121 pt. 1:1989
- Pack of 2.



	Price per Pack		Ref. No.
	1	5+	
Industrial CXT 20smm	10.05	9.60	AL3120
Industrial CXT 20mm	11.90	11.40	AL3121
Industrial CXT 25mm	17.30	16.65	AL3122

For Cable Gland Selector Chart see page 163

FREE RECYCLING

We'll recycle any Alto product Free of Charge plus any product which needs to be recycled when you buy an Alto replacement.



INDUSTRIAL A2 CABLE GLAND KITS



- For use with flexible cable (eg. YY cable) where it is essential to produce an IP66 seal on the cable outer sheath.
- Each kit contains:
Brass locknut, PVC shroud
- Manufactured to BS6121 pt. 1:1989
- Pack of 2.



	Price per Pack		Ref. No.
	1	5+	
Industrial A2 20smm	8.55	8.10	AL3130
Industrial A2 20mm	8.80	8.35	AL3131
Industrial A2 25mm	13.80	13.25	AL3132

NYLON CABLE GLANDS



- Nylon 6.6 construction with nitrile rubber bushes c/w locknuts.
- For use with all non-armoured cables.
- Temperature range -20°C to +100°C.
- Pack Quantity 10.



	Cable Size mm	Colour	Price per Pack		Ref. No.
			1	5+	
20mm XS	4-7	Black	7.45	6.75	AL3186
20mm S	7-10.5	Black	7.80	7.05	AL3180
20mm S	7-10.5	White	7.80	7.05	AL3181
20mm S	7-10.5	Red	8.70	7.90	AL3182
20mm L	8-13	Black	10.40	9.35	AL3183
20mm L	8-13	White	10.40	9.35	AL3184

DOME TOP CABLE GLANDS IP68



- Nylon 6.6 material.
- High mechanical strength and strain relief.
- Three piece construction for quick and easy application. Low Smoke and zero halogen (LSOH).
- Temperature range -30°C to +80°C
- Complies with IP68. VDE approved.
- Pack Quantity 10.



	Cable Size mm	Colour	Price per Pack		Ref. No.
			1	5+	
20mm S	6-12	Black	9.70	8.70	AL3439
20mm S	6-12	Grey	9.70	8.70	AL3443
20mm S	6-12	Red	9.70	8.70	AL3444
20mm S	6-12	White	9.70	8.70	AL3445
20mm L	10-14	Black	13.90	12.50	AL3446
20mm L	10-14	White	13.90	12.50	AL3447

YOUR ACCOUNT IS AUTOMATICALLY VALID AT EVERY WF BRANCH

Your account together with all your commercial terms is automatically valid at every one of our branches nationwide.



Gland and Cleat Selector Chart							
Conductor Size (mm ²)	No. of Cores	PVC		LSF		Telcleat	Cable Cleats
		Indoor (BW)	Outdoor (CW)	Indoor(BW)	Outdoor (CW)		
1.5	2/3	AL3090	AL3019	AL3190	AL3087	AL1646	AL6102
	4	AL3090	AL3096	AL3190	AL3084	AL1646	AL6103
	7	AL3090	AL3096	AL3190	AL3088	AL1647	AL6103
	12	AL3091	AL3097	AL3192	AL3103	AL1649	AL6105
	19	AL3092	AL3098	AL3193	AL3103	AL1649	AL6106
	27	AL3093	AL3099	AL3193	AL3104	AL1658	AL6108
2.5	37	AL3093	AL3099	AL3193	AL3104	AL1659	AL6109
	2/3	AL3090	AL3096	AL3190	AL3084	AL1646	AL6103
	4	AL3090	AL3096	AL3190	AL3084	AL1647	AL6103
	7	AL3091	AL3097	AL3191	AL3088	AL1648	AL6105
	12	AL3092	AL3098	AL3192	AL3103	AL1649	AL6106
	19	AL3093	AL3099	AL3193	AL3104	AL1658	AL6108
4	27	AL3093	AL3099	AL3193	AL3104	AL1659	AL6111
	37	AL3094	AL3110	AL3059	AL3105	AL1659	AL6111
	2	AL3090	AL3096	AL3190	AL3084	AL1647	AL6103
	3	AL3090	AL3096	AL3190	AL3084	AL1647	AL6104
	4	AL3091	AL3097	AL3191	AL3088	AL1647	AL6104
	6	2	AL3091	AL3097	AL3190	AL3088	AL1648
3/4		AL3091	AL3097	AL3191	AL3088	AL1648	AL6105
10	2	AL3092	AL3098	AL3191	AL3088	AL1649	AL6105
	3	AL3092	AL3098	AL3192	AL3103	AL1649	AL6106
	4	AL3092	AL3098	AL3192	AL3103	AL1649	AL6107
16	2	AL3092	AL3098	AL3192	AL3103	AL1649	AL6105
	3	AL3092	AL3098	AL3192	AL3103	AL1649	AL6106
	4	AL3092	AL3099	AL3192	AL3103	AL1649	AL6107
25	2	AL3093	AL3099	AL3192	AL3103	AL1658	AL6107
	3	AL3093	AL3099	AL3193	AL3104	AL1658	AL6108
	4	AL3093	AL3099	AL3193	AL3104	AL1659	AL6109
35	2	AL3093	AL3099	AL3193	AL3104	AL1658	AL6109
	3	AL3093	AL3099	AL3193	AL3104	AL1659	AL6109
	4	AL3094	AL3110	AL3193	AL3104	AL1659	AL6111
50	2	AL3093	AL3099	AL3192	AL3103	AL1658	AL6108
	3	AL3093	AL3099	AL3193	AL3104	AL1659	AL6109
	4	AL3094	AL3110	AL3193	AL3104	AL1659	AL6111
70	2	AL3093	AL3099	AL3193	AL3104	AL1658	AL6109
	3	AL3094	AL3110	AL3193	AL3104	AL1659	AL6111
	4	AL3094	AL3110	AL3059	AL3105	AL1666	AL6111
95	2	AL3094	AL3110	AL3193	AL3104	AL1659	AL6111
	3	AL3094	AL3110	AL3059	AL3105	AL1666	AL6112
	4	AL3095	AL3023	AL3067	AL3106	AL1667	AL6112
120	2	AL3094	AL3110	AL3059	AL3105	AL1666	AL6112
	3	AL3095	AL3023	AL3059	AL3105	AL1666	AL6113
	4	AL3095	AL3023	AL3067	AL3106	AL1667	AL6114
150	2	AL3095	AL3023	AL3059	AL3105	AL1666	AL6113
	3	AL3095	AL3023	AL3067	AL3106	AL1667	AL6114
	4	AL3095	AL3024	AL3067	AL3106	AL1667	-
185	2	AL3095	AL3023	AL3067	AL3106	AL1667	AL6114
	3	AL3095	AL3023	AL3067	AL3106	AL1667	-
	4	AL3001	AL3024	AL3068	AL3107	-	-
240	2	AL3095	AL3023	AL3067	AL3106	AL1667	-
	3/4	AL3001	AL3024	AL3068	AL3107		
300	2	AL3001	AL3024	AL3067	AL3107		
	3	AL3001	AL3024	AL3068	AL3107		
	4	AL3014	AL3028	AL3083	AL3108		
400	2	AL3068	AL3107	AL3068	AL3107		
	3/4	AL3083	AL3108	AL3083	AL3108		

PRE-INSULATED TERMINALS

Colours Red 0.25 - 1mm² Blue 1.5 - 2.5mm² Yellow 4 - 6mm²

TERMINALS



	Pack Quantity	Price per Pack		Ref. No.
		1	10+	

Ring Terminals

Red 3.2mm	100	15.80	14.25	AL5499
Red 3.7mm	100	15.80	14.25	AL5500
Red 4.3mm	100	15.45	13.95	AL5501
Red 5.3mm	100	16.30	14.70	AL5502
Red 6.5mm	100	19.55	17.70	AL5503
Red 8.5mm	100	21.75	19.65	AL5525
Red 10.5mm	100	25.65	23.20	AL5526
Blue 3.2mm	100	15.65	14.05	AL5527
Blue 3.7mm	100	15.65	14.05	AL5528
Blue 4.3mm	100	15.25	13.75	AL5509
Blue 5.3mm	100	15.25	13.75	AL5510
Blue 6.5mm	100	18.50	16.65	AL5511
Blue 8.5mm	100	21.75	19.65	AL5529
Blue 10.5mm	100	27.60	24.85	AL5530
Yellow 4.3mm	100	19.70	17.80	AL5516
Yellow 5.3mm	100	21.60	19.45	AL5517
Yellow 6.5mm	100	24.40	21.95	AL5518
Yellow 8.5mm	100	25.00	24.00	AL5519
Yellow 10.5mm	100	32.25	29.00	AL5531
Yellow 12mm	100	37.60	33.85	AL5532

Push-On Terminals

Female, Red 2.8 x 0.5mm	100	26.30	23.80	AL5470
Female, Red 2.8 x 0.8mm	100	27.85	25.10	AL5471
Female, Red 4.8 x 0.5mm	100	29.60	26.70	AL5472
Female, Red 6.3 x 0.8mm	100	14.90	13.35	AL1292
Female, Blue 4.8 x 0.5mm	100	29.30	26.40	AL5474
Female, Blue 4.8 x 0.8mm	100	29.30	26.40	AL5475
Female, Blue 6.3 x 0.8mm	100	33.80	30.40	AL5513
Female, Yellow 6.35 x 0.8mm	100	38.00	34.20	AL5521
Male, Red 6.35 x 0.8mm	100	25.80	23.25	AL5479
Male, Blue 6.35 x 0.8mm	100	28.15	25.40	AL5480
Male, Yellow 6.35 x 0.8mm	100	34.70	31.25	AL5481

Push-On Terminals Fully Insulated

Female, Red 6.35 x 0.5mm	100	30.35	27.40	AL5476
Female, Blue 6.35 x 0.8mm	100	34.10	30.80	AL5477
Female, Yellow 6.35 x 0.8mm	100	44.25	39.95	AL5478

- Quality terminals manufactured from pure electrolytic copper for optimum electrical conductivity.
- Barrel internal surface is rifled to improve contact with conductor strands and terminal is annealed after final machining.
- UL approved.

TERMINALS

	Pack Quantity	Price per Pack		Ref. No.
		1	10+	

Spade / Fork Terminals

Red 3.2mm	100	15.80	14.25	AL5533
Red 3.7mm	100	16.05	15.45	AL5534
Red 4.3mm	100	16.30	14.70	AL5508
Red 5.3mm	100	18.65	17.95	AL5535
Red 6.5mm	100	24.25	21.85	AL5536
Blue 3.2mm	100	18.65	16.80	AL5537
Blue 3.7mm	100	19.20	18.45	AL5538
Blue 4.3mm	100	20.95	20.05	AL5515
Blue 5.3mm	100	22.10	21.25	AL5539
Blue 6.5mm	100	24.10	21.80	AL5540
Yellow 4.3mm	100	20.95	20.05	AL5541
Yellow 5.3mm	100	22.10	19.90	AL5523
Yellow 6.5mm	100	25.80	23.25	AL5542

Bullet Terminals

Female, Red	100	27.20	24.60	AL5492
Male, Red	100	24.25	21.85	AL5490
Female, Blue	100	29.70	26.70	AL5493
Male, Blue	100	26.30	23.80	AL5491

Through Terminals

Red	100	18.20	16.50	AL5507
Blue	100	19.75	18.95	AL5514
Yellow	100	28.20	25.45	AL5522

Piggyback Terminals

Red 6.35 x 0.8mm	100	31.10	28.05	AL5482
Blue 6.35 x 0.8mm	100	34.70	31.25	AL5483

Pin Terminals

Red 9.5mm	100	15.80	14.25	AL5504
Red 12mm	100	17.40	15.70	AL5505
Blue 9.5mm	100	16.50	14.85	AL5512
Blue 12mm	100	17.40	15.70	AL5524
Yellow 14mm	100	32.25	29.00	AL5520

Blade Terminals

Red 10mm	100	19.30	17.40	AL5484
Red 16mm	100	22.10	19.90	AL1312
Red 18mm	100	22.85	20.60	AL5487
Blue 10mm	100	19.30	17.40	AL5485
Blue 18mm	100	22.70	20.45	AL5488
Yellow 10mm	100	27.60	24.85	AL5486
Yellow 18mm	100	37.60	33.85	AL5489

COPPER TUBE TERMINALS



- Manufactured from 99.9% pure electrical copper tube.
- Lugs are re-annealed to guarantee ductility.
- Optimum strength against vibration and pull-out for complete reliability.
- Complies with BS4579 Part 1.



Cable Size	Stud mm	Pack Quantity	Price per Pack		Ref. No.
			1	10+	
10mm	5	10	8.30	7.85	AL1241
10mm	6	10	8.30	7.85	AL5550
10mm	8	10	8.30	7.85	AL5551
10mm	10	10	8.30	7.85	AL1244
16mm	6	10	9.55	9.05	AL5553
16mm	8	10	9.55	9.05	AL5554
16mm	10	10	9.55	9.05	AL5555
25mm	6	10	10.40	9.80	AL1248
25mm	8	10	10.40	9.80	AL5557
25mm	10	10	10.40	9.80	AL5558
25mm	12	10	12.85	11.75	AL1253
35mm	6	4	7.10	6.60	AL1254
35mm	8	4	7.10	6.60	AL5561
35mm	10	4	7.10	6.60	AL5562
35mm	12	4	7.90	7.25	AL1258
50mm	8	4	10.20	9.05	AL5564
50mm	10	4	10.20	9.05	AL5565
50mm	12	4	11.30	10.40	AL1259
70mm	8	4	10.85	10.05	AL1266
70mm	10	4	10.85	10.05	AL5568
70mm	12	4	11.30	10.40	AL5569
95mm	10	4	16.75	15.40	AL5570
95mm	12	4	17.25	15.70	AL5571
95mm	16	4	18.15	16.60	AL1267
120mm	10	4	30.50	27.55	AL5572
120mm	12	4	30.85	27.90	AL5573
120mm	16	4	28.80	26.00	AL5574

COPPER THROUGH CONNECTORS



- Manufactured from 99.9% pure electrical copper tube.
- Lugs are re-annealed to guarantee ductility.
- Complies with BS4579.



Cable Size	Pack Quantity	Price per Pack		Ref. No.
		1	10+	
10mm	10	20.35	18.75	AL5590
16mm	10	25.05	22.65	AL5591
25mm	10	28.95	26.60	AL5592
35mm	4	8.05	7.25	AL5593
50mm	4	8.05	7.25	AL1268
70mm	4	9.70	8.80	AL1269
95mm	4	13.60	12.55	AL1270
120mm	4	16.50	15.10	AL1271

For larger sizes, the Alto crimp hire service provides a hassle free alternative to buying expensive hydraulic crimping tools. Please contact your local branch for further details.

BOOTLACE FERRULES



- Manufactured from bright tinned copper with polypropylene insulated sleeves.
- Suitable for tri-rated cable and provide a neat end to multi-stranded wires.
- Complies with DIN 46228.



Cable Size	Pin mm	Pack Quantity	Colour Ref	Price per Pack		Ref. No.
				1	5+	
French						
0.5mm	8	500	White	28.15	25.40	AL5200
0.75mm	8	500	Blue	28.15	25.40	AL5201
1mm	8	500	Red	28.15	25.40	AL5202
1.5mm	8	500	Black	28.15	25.40	AL5203
2.5mm	8	500	Grey	34.40	31.00	AL5204
4mm	9	500	Orange	54.70	49.20	AL5205
6mm	12	100	Green	18.80	17.00	AL5206
10mm	12	100	Brown	18.80	17.00	AL5207
16mm	12	100	Ivory	25.05	22.65	AL5208
German						
0.5mm	8	500	Orange	28.15	25.40	AL5210
0.75mm	8	500	White	28.15	25.40	AL5211
1mm	8	500	Yellow	28.15	25.40	AL5212
1.5mm	8	500	Red	28.15	25.40	AL5213
2.5mm	8	500	Blue	34.40	31.00	AL5214
4mm	9	500	Grey	54.70	49.20	AL5215
6mm	12	100	Black	18.80	17.00	AL5216
10mm	12	100	Ivory	18.80	17.00	AL5217
16mm	12	100	Green	25.05	22.65	AL5218
Twin French						
2 x 0.5mm	8	500	White	50.05	45.00	AL5220
2 x 0.75mm	8	500	Blue	50.05	45.00	AL5221
2 x 1mm	8	500	Red	50.05	45.00	AL5222
2 x 1.5mm	8	500	Black	50.05	45.00	AL5223
2 x 2.5mm	8	250	Grey	29.70	26.70	AL5224
Twin German						
2 x 0.5mm	8	500	Orange	50.05	45.00	AL5230
2 x 0.75mm	8	500	White	50.05	45.00	AL5231
2 x 1mm	8	500	Yellow	50.05	45.00	AL5232
2 x 1.5mm	8	500	Red	50.05	45.00	AL5233
2 x 2.5mm	8	250	Blue	29.70	26.70	AL5234

For suitable crimp tools see page 220

BELL WIRE CABLE CLIPS

	Pack Quantity	Colour	Price per Pack		Ref. No.
			1	5+	
Clips	100	Clear	3.00	2.80	AL5706

FLAT CABLE CLIPS - TWIN & EARTH



- Manufactured from impact resistant polypropylene.
- Safety nail bends before breaking. Hardened and zinc coated.
- Flexible design - for use with various sizes of cable.
- Temperature range -40°C to +80°C.

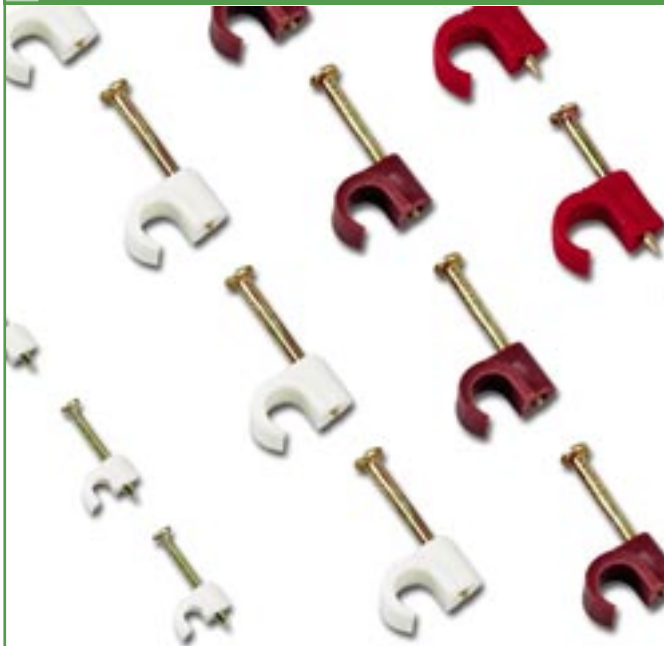
	Pack Quantity	Colour	Price per Pack		Ref. No.
			1	10+	
1 & 1.5mm	100	Grey	3.00	2.80	AL5709
2.5mm	100	Grey	3.15	2.85	AL5734
4 & 6mm	100	Grey	3.95	3.60	AL5738
10 & 16mm	50	Grey	7.10	6.45	AL5743
1 & 1.5mm	100	White	3.30	3.00	AL5733
2.5mm	100	White	3.45	3.10	AL5737
4 & 6mm	100	White	4.20	3.75	AL5739
10 & 16mm	100	White	7.00	6.35	AL5744

SAME DAY/NEXT DAY DELIVERY ON EVERY PRODUCT IN THIS CATALOGUE



Place your order by 5:30pm at your local WF branch and it will be delivered to your chosen location next day.

ROUND CABLE CLIPS



- Manufactured from impact resistant polypropylene.
- Safety nail bends before breaking.
- Hardened and zinc coated.
- Can withstand high impact together with extremes of heat and cold.

	Pack Quantity	Colour	Price per Pack		Ref. No.
			1	5+	
2-3mm	100	Clear	2.90	2.60	AL5752
3.5mm	100	White	2.90	2.60	AL5753
6-7mm	100	White	3.00	2.80	AL5754
7-8mm	100	Red	5.00	4.50	AL5759
7-8mm	100	White	3.45	3.05	AL5768
12-14mm	100	White	6.80	6.20	AL5769
15-18mm	100	White	12.15	11.05	AL5793

CO-AXIAL CABLE CLIPS

	Pack Quantity	Colour	Price per Pack		Ref. No.
			1	5+	
6-7mm	100	Black	4.10	3.65	AL5794
6-7mm	100	Brown	4.10	3.65	AL5795
6-7mm	100	White	4.10	3.65	AL5796

PVC SLEEVING



- For cable identification.
- Supplied in 100 metre coils.
- Complies with BS2848 Type 3, Class 85T.



	Colour	Price per Coil		Ref. No.
		1	5+	
2.0mm	Red	11.25	10.25	AL5098
3.0mm	Red	11.65	10.50	AL5099
4.0mm	Red	14.65	13.30	AL5105
2.0mm	Brown	11.25	10.25	AL5037
3.0mm	Brown	11.65	10.50	AL5038
4.0mm	Brown	14.65	13.30	AL5039
2.0mm	Black	11.25	10.25	AL5029
3.0mm	Black	11.65	10.50	AL5032
4.0mm	Black	14.65	13.30	AL5033
2.0mm	Blue	11.25	10.25	AL5034
3.0mm	Blue	11.65	10.50	AL5035
4.0mm	Blue	14.65	13.30	AL5036
2.0mm	Grey	11.25	10.25	AL5106
3.0mm	Grey	11.65	10.50	AL5107
4.0mm	Grey	14.65	13.30	AL5108
2.0mm	Green/Yellow	10.85	9.80	AL5083
3.0mm	Green/Yellow	11.10	10.00	AL5084
4.0mm	Green/Yellow	14.15	12.75	AL5088
5.0mm	Green/Yellow	17.80	16.00	AL5089

BRAIDED SLEEVING

- Robust sleeving to protect cable from abrasion.
- Temperature range -60°C to +160°C.
- 10 Metre length.



	Colour	Price per Length		Ref. No.
		1	5+	
5mm	Grey	16.25	15.60	AL6346
5mm	Black	16.25	15.60	AL6347
10mm	Grey	22.90	22.10	AL6348
10mm	Black	22.90	22.10	AL6349
15mm	Grey	27.60	26.55	AL6350
15mm	Black	27.60	26.55	AL6351
20mm	Grey	30.70	29.55	AL6352
20mm	Black	30.70	29.55	AL6353
40mm	Grey	59.30	57.05	AL6354
40mm	Black	59.30	57.05	AL6355

SPIRAL BINDING



- 5 metre length.
- Ideal for tidying and grouping cables.
- Re-usable.
- Temperature range -60°C to +90°C.



	Colour	Price per Length		Ref. No.
		1	5+	
4mm Internal Diameter	Neutral	11.60	11.10	AL6356
4mm Internal Diameter	Black	11.60	11.10	AL6357
9mm Internal Diameter	Neutral	14.65	14.10	AL6358
9mm Internal Diameter	Black	14.65	14.10	AL6359

SPLIT CABLE COVER AND TOOL



- Allows easy access to the cable at any point.
- Quick, easy installation.
- Can be used to wrap and cover wires, cables and hoses.
- Flame retarded PA6 material.
- Working temp -40°C to +90°C.
- UL94-V0.
- 2 metre lengths.



	Colour	Price per Length		Ref. No.
		1	5+	
20mm	Grey	14.50	14.00	AL6342
20mm	Black	14.50	14.00	AL6343
25mm	Grey	18.85	18.15	AL6344
25mm	Black	18.85	18.15	AL6345

PREMIUM CABLE TIES - TWO PIECE



- Two piece, c/w anti-magnetic steel locking barb.
- Low profile design of the head allows installation where space is at a premium.
- Halogen free, easy to use high quality two piece cable ties.
- Steel locking barb firmly anchored inside the tie head.
- Locking barb made from corrosion-proof anti magnetic, marine grade type 316 steel.
- Excellent resistance against vibration and external shock.
- Operating temperature range from -40°C to +85°C.
- Polyamide 6.6, UL approved to UL94-V2 flammability rating.



	Pack Quantity	Colour	Price per Pack		Ref. No.
			1	10+	
92 x 2.4mm	100	Natural	6.75	6.15	AL2182
92 x 2.4mm	100	Black	9.85	8.90	AL2183
140 x 3.6mm	100	Natural	13.55	12.25	AL2184
140 x 3.6mm	100	Black	14.30	12.90	AL2185
186 x 4.8mm	100	Natural	15.50	14.00	AL2186
186 x 4.8mm	100	Black	16.10	14.50	AL2187
208 x 3.6mm	100	Natural	16.80	15.10	AL2188
208 x 3.6mm	100	Black	17.35	15.75	AL2189
281 x 3.6mm	100	Natural	29.40	26.40	AL2190
281 x 3.6mm	100	Black	29.50	26.60	AL2191
293 x 4.8mm	100	Natural	31.85	28.65	AL2192
293 x 4.8mm	100	Black	32.55	29.25	AL2193
338 x 7.6mm	50	Natural	33.65	30.35	AL2194
338 x 7.6mm	50	Black	34.35	30.95	AL2195
360 x 4.8mm	100	Natural	38.30	34.55	AL2196
360 x 4.8mm	100	Black	39.85	35.85	AL2197

STANDARD CABLE TIES - ONE PIECE



- Quick and easy to install, the integrally formed nylon pawl combines low insertion with high locking strength.
- UL approved to UL94 V-2 flammability rating.
- Temperature range -40°C to +85°C.



	Pack	Colour	Price per Pack		Ref. No.
	Quantity		1	10+	
100 x 2.4mm	100	Natural	1.60	1.45	AL2198
100 x 2.4mm	100	Black	1.60	1.45	AL2199
140 x 3.6mm	100	Natural	2.75	2.40	AL2338
140 x 3.6mm	100	Black	2.75	2.40	AL2339
150 x 2.4mm	100	Natural	2.60	2.35	AL2340
150 x 2.4mm	100	Black	2.60	2.35	AL2341
186 x 4.7mm	100	Natural	5.10	4.60	AL2342
186 x 4.7mm	100	Black	5.10	4.60	AL2343
200 x 2.4mm	100	Natural	3.15	2.85	AL2344
200 x 2.4mm	100	Black	3.15	2.85	AL2345
200 x 3.6mm	100	Natural	4.20	3.75	AL2346
200 x 3.6mm	100	Black	4.20	3.75	AL2347
228 x 4.7mm	100	Natural	6.60	5.95	AL2348
228 x 4.7mm	100	Black	6.60	5.95	AL2349
291 x 4.7mm	100	Natural	7.10	6.40	AL2350
291 x 4.7mm	100	Black	7.10	6.40	AL2351
363 x 4.7mm	100	Natural	9.30	8.40	AL2352
363 x 4.7mm	100	Black	9.30	8.40	AL2353
375 x 7.6mm	100	Natural	17.85	16.05	AL2354
375 x 7.6mm	100	Black	17.85	16.05	AL2355

PREMIUM CABLE TIE MOUNTS



- High strength synthetic polymer adhesive.
- Complies to UL94 V2.
- Temperature range -40°C to +85°C.



	Pack	Colour	Price per Pack		Ref. No.
	Quantity		1	5+	
2 Way 19 x 19mm	100	Natural	45.10	40.70	AL2356
2 Way 19 x 19mm	100	Black	45.10	40.70	AL2357
4 Way 25 x 25mm	100	Natural	48.30	43.55	AL2358
4 Way 25 x 25mm	100	Black	48.30	43.55	AL2359

STANDARD CABLE TIE MOUNTS

- Standard industrial adhesive.
- Temperature range -20°C to +65°C.



	Pack	Colour	Price per Pack		Ref. No.
	Quantity		1	5+	
2 Way 19 x 19mm	100	Natural	12.50	11.30	AL2360
2 Way 19 x 19mm	100	Black	12.50	11.30	AL2361
4 Way 25 x 25mm	100	Natural	14.15	12.80	AL2362
4 Way 25 x 25mm	100	Black	14.15	12.80	AL2363