

40^{yrs}
excellence in manufacturing

EARTHING AND LIGHTNING PROTECTION

Unitech[®]





Unitech® lightning and earthing protection systems was founded by Singaporean pioneer Steve Yeo utilizing technology available in 1978. In its past 37 plus years, Unitech® has continued to strive for perfection through its research & development based on leading national standards.



With a global distribution network across 5 continents and over 40 countries, Unitech has become one of the leading renowned brands in the lightning & earthing protection industry.



With a complete product range consisting of: Air termination, round & flat conductors, earth rods, exothermic welding & earthing accessories, we have put together one of the most extensive product ranges in our industry complying to standards such as UL & British Standards.



Unitech's lightning and earthing solutions are widely used in construction, telecommunications, railways, power distribution networks, oil & mining industries. Our team of experienced professionals can offer solutions in the most difficult situations.

Our continual success for over 37 years has been based on by our uncompromising quality, service, technical support and reputation.

Our sole mission is to carry this tradition for years to come.



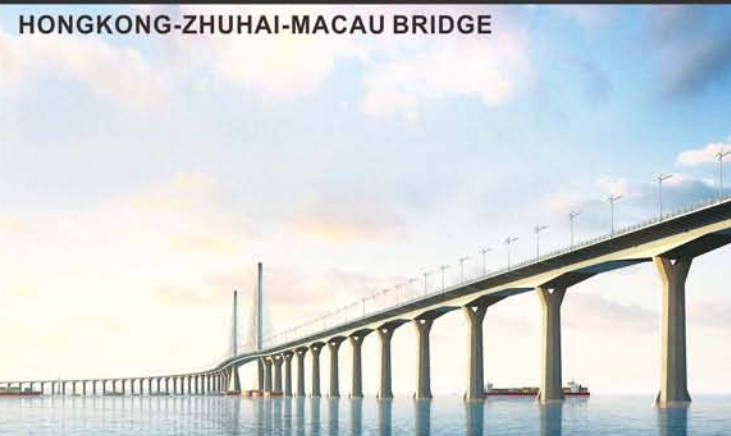
IFC - SHANGHAI



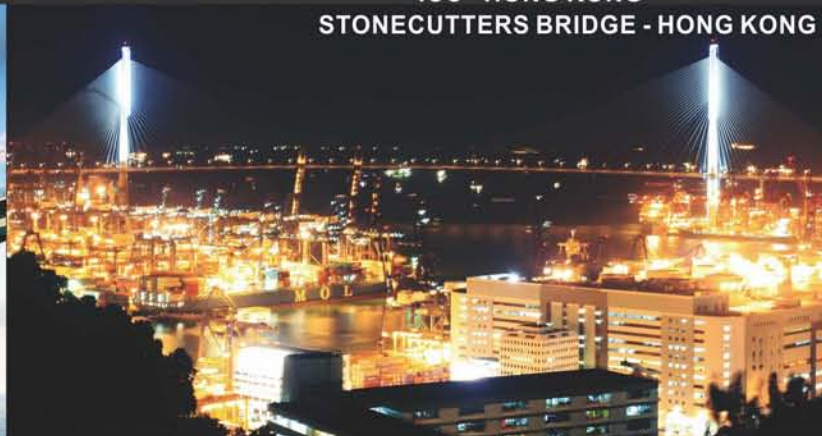
CHINA WORLD TOWER - BEIJING



ICC - HONG KONG



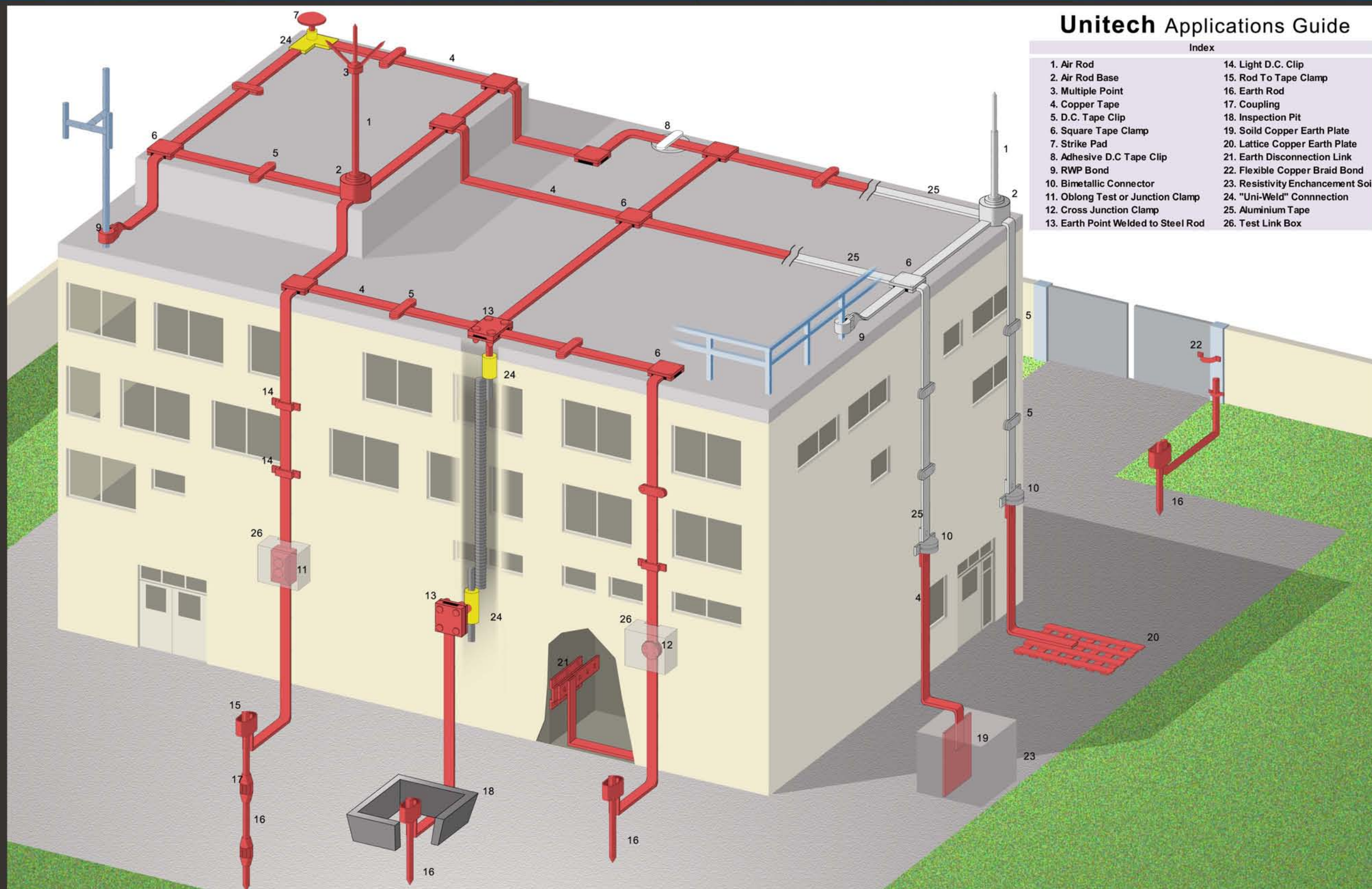
HONGKONG-ZHUHAI-MACAU BRIDGE



STONECUTTERS BRIDGE - HONG KONG

GLOBAL DISTRIBUTION NETWORK





Multiple Point

Rod Dia	Thread Dia	Material	Part No
14mm	5/8"	Copper	MP14
14mm	5/8"	Aluminium	MP14A
14mm	5/8"	Tinned Copper	MP14T
17.2mm	3/4"	Copper	MP17



Solid and Tinned Copper Air Rod- To IEC 62561-2

Rod Length	Rod Dia	Thread Dia	Material	Part No
500mm	14mm	5/8"	Copper	AR0514
1000mm	14mm	5/8"	Copper	AR1014
1500mm	14mm	5/8"	Copper	AR1514
2000mm	14mm	5/8"	Copper	AR2014
500mm	14mm	5/8"	Tinned Copper	AR0514T
1000mm	14mm	5/8"	Tinned Copper	AR1014T
1500mm	14mm	5/8"	Tinned Copper	AR1514T
2000mm	14mm	5/8"	Tinned Copper	AR2014T
500mm	14mm	5/8"	Aluminium	AR0514A
1000mm	14mm	5/8"	Aluminium	AR1014A
1500mm	14mm	5/8"	Aluminium	AR1514A
2000mm	14mm	5/8"	Aluminium	AR2014A
500mm	12.5mm	3/4"	Copper	AR0512
1000mm	12.5mm	3/4"	Copper	AR1012
500mm	12.5mm	3/4"	Aluminium	AR0512A
1000mm	12.5mm	3/4"	Aluminium	AR1012A



Copperbond Air Rod

Rod Length	Rod Dia	Thread Dia	Part No
500mm	14.2mm	5/8"	AR0514CB
1000mm	14.2mm	5/8"	AR1014CB
1500mm	14.2mm	5/8"	AR1514CB
2000mm	14.2mm	5/8"	AR2014CB
500mm	17.2mm	3/4"	AR0517CB
1000mm	17.2mm	3/4"	AR1017CB
1500mm	17.2mm	3/4"	AR1517CB
2000mm	17.2mm	3/4"	AR2017CB



Air Rod Base - For Copper Tape Use To IEC 62561-1

Thread Dia	Material	Part No
3/4"	Copper	ARB12
5/8"	Copper	ARB14
5/8"	Aluminium	ARB14A
5/8"	Tinned Copper	ARB14T
3/4"	Copper	ARB17



Air Rod Base - For Cable Use

Rod Dia	Conductor Size	Material	Part No
5/8"	95mm ²	Copper	ARC14
5/8"	95mm ²	Aluminium	ARC14A



Air Rod Base - Vertically Mounted (For 8mm Dia Conductor Use)

Rod Dia	Thread Dia	Material	Part No
8mm	10mm	Copper	ARBV8
8mm	10mm	Aluminium	ARBV8A
8mm	10mm	Tinned Copper	ARBV8T



Air Rod Base - Horizontally Mounted (For 8mm Dia Conductor Use)

Rod Dia	Thread Dia	Material	Part No
8mm	10mm	Copper	ARBH8
8mm	10mm	Aluminium	ARBH8A
8mm	10mm	Tinned Copper	ARBH8T



Ridge Air Rod Base

Rod Dia	Thread Dia	Material	Part No
14mm	5/8"	Copper	ARS14
14mm	5/8"	Aluminium	ARS14A
14mm	5/8"	Tinned Copper	ARS14T



Air Rod Bracket

Rod Dia	Thread Dia	Material	Part No
14mm	5/8"	Copper	ARK14
14mm	5/8"	Aluminium	ARK14A
14mm	5/8"	Tinned Copper	ARK14T



Rod to Tape / Cable Coupling

Rod Dia	Thread Dia	Conductor Size	Material	Part No
14mm	5/8"	25 x 3mm	Copper	RTCC14
14mm	5/8"	25 x 3mm	Aluminium	RTCC14A
14mm	5/8"	25 x 3mm	Tinned Copper	RTCC14T
14mm	5/8"	50mm ²	Copper	RTCC50
14mm	5/8"	70mm ²	Copper	RTCC70
14mm	5/8"	95mm ²	Copper	RTCC95



Strike Pad with Copper Stem

Rod Dia	Length	Material	Part No
10mm	60mm	Copper	SPWS10
10mm	60mm	Aluminium	SPWS10A
10mm	60mm	Tinned Copper	SPWS10T



Strike Pad Welded to Bar / Tape

Material	Part No
Copper	SP10W
Aluminium	SP10WA
Tinned Copper	SP10WT



Puddle Flange

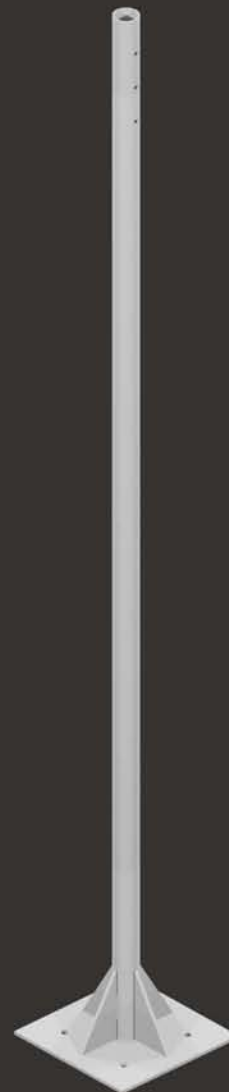
Plate Size	Material	Part No
150 x 150 x 3mm ³	Copper	PF10
150 x 150 x 3mm ³	Aluminium	PF10A
150 x 150 x 3mm ³	Tinned Copper	PF10T



Free Standing Mast for Air Terminal

Length	Section	Part No (S.S316)	Part No (Galv.Steel)
1m	1m	FSMS10	FSMG10
2m	2m	FSMS20	FSMG20
3m	3m	FSMS30	FSMG30
3.5m	2m + 1.5m	FSMS35	FSMG35
4m	2m + 2m	FSMS40	FSMG40
4.5m	2.5m + 2m	FSMS45	FSMG45
5m	3m + 2m	FSMS50	FSMG50
5.5m	3m + 2.5m	FSMS55	FSMG55
6m	3m + 3m	FSMS60	FSMG60
6.5m	2.5m + 2m + 2m	FSMS65	FSMG65
7m	3m + 2m + 2m	FSMS70	FSMG70
7.5m	3m + 2.5m + 2m	FSMS75	FSMG75
8m	3m + 3m + 2m	FSMS80	FSMG80
8.5m	3m + 3m + 2.5m	FSMS85	FSMG85
9m	3m + 3m + 3m	FSMS90	FSMG90
9.5m	3.5m + 3m + 3m	FSMS95	FSMG95
10m	3.5m + 3.5m + 3m	FSMS100	FSMG100

Suitable for Air Rod / Strike Pad / ESE Terminal with adapter



Air Terminal Adapter

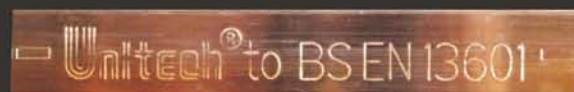
Thread Dia	Adapting Type	Material	Conductor Size		Part No
			Tape (mm)	Cable (mm ²)	
5/8"	Air Rod	Copper	20x3 - 31x6	50 - 70	MA16
5/8"	Air Rod	Stainless Steel 316	20x3 - 31x6	50 - 70	MA16SS
M20	ESE Terminal	Copper	20x3 - 31x6	50 - 70	MA20
M20	ESE Terminal	Stainless Steel 316	20x3 - 31x6	50 - 70	MA20SS



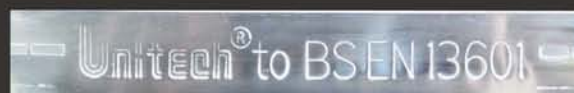
BARE AND TINNED COPPER TAPE

Copper Tape to BS EN 13601 / IEC 62561-2

Conductor Size	Part No (Bare)	Part No (Tinned)
20 x 3mm	CT203	CT203T
25 x 2mm	CT252	CT252T
25 x 3mm	CT253	CT253T
25 x 4mm	CT254	CT254T
25 x 6mm	CT256	CT256T
31 x 3mm	CT313	CT313T
31 x 6mm	CT316	CT316T
38 x 3mm	CT383	CT383T
38 x 5mm	CT385	CT385T
38 x 6mm	CT386	CT386T
40 x 4mm	CT404	CT404T
40 x 6mm	CT406	CT406T
50 x 3mm	CT503	CT503T
50 x 4mm	CT504	CT504T
50 x 6mm	CT506	CT506T



BARE



TINNED

LSF and PVC COVERED COPPER TAPE

PVC Colours to BS 5252 & Copper Tape to BS EN 13601 / IEC 62561-2

Conductor Size	Colour Range	Part No (LSF)	Part No (PVC)
25 X 3mm	Green	CT253LS-GN	CT253P-GN
25 X 3mm	Grey	CT253LS-GR	CT253P-GR
25 X 3mm	White	CT253LS-WE	CT253P-WE
25 X 3mm	Brown	CT253LS-BW	CT253P-BW
25 X 6mm	Green	CT256LS-GN	CT256P-GN
25 X 6mm	Grey	CT256LS-GR	CT256P-GR
25 X 6mm	White	CT256LS-WE	CT256P-WE
25 X 6mm	Brown	CT256LS-BW	CT256P-BW
38 X 6mm	Green	CT386LS-GN	CT386P-GN
38 X 6mm	Grey	CT386LS-GR	CT386P-GR
38 X 6mm	White	CT386LS-WE	CT386P-WE
38 X 6mm	Brown	CT386LS-BW	CT386P-BW
50 X 6mm	Green	CT506LS-GN	CT506P-GN
50 X 6mm	Grey	CT506LS-GR	CT506P-GR
50 X 6mm	White	CT506LS-WE	CT506P-WE
50 X 6mm	Brown	CT506LS-BW	CT506P-BW

Unitech® 25 X 3mm PVC Covered Cu Tape

CT253P-GN

Unitech® 25 X 3mm LSF Covered Cu Tape

CT253LS-GN

* PVC colours to BS 5252 All colours available on request

FLAME RETARTANT COVERED BARE/TINNED COPPER TAPE

Tape to IEC 62561-2 & Flame Retartant to UL94 : V0

Conductor Size Colour Range Part No (BARE) Part No (TINNED)

25 X 3mm	Green	CT253FR-GN	CT253TFR-GN
25 X 3mm	Grey	CT253FR-GR	CT253TFR-GR
25 X 3mm	White	CT253FR-WE	CT253TFR-WE
25 X 3mm	Brown	CT253FR-BW	CT253TFR-BW
25 X 6mm	Green	CT256FR-GN	CT256TFR-GN
25 X 6mm	Grey	CT256FR-GR	CT256TFR-GR
25 X 6mm	White	CT256FR-WE	CT256TFR-WE
25 X 6mm	Brown	CT256FR-BW	CT256TFR-BW
38 X 6mm	Green	CT386FR-GN	CT386TFR-GN
38 X 6mm	Grey	CT386FR-GR	CT386TFR-GR
38 X 6mm	White	CT386FR-WE	CT386TFR-WE
38 X 6mm	Brown	CT386FR-BW	CT386TFR-BW
50 X 6mm	Green	CT506FR-GN	CT506TFR-GN
50 X 6mm	Grey	CT506FR-GR	CT506TFR-GR
50 X 6mm	White	CT506FR-WE	CT506TFR-WE
50 X 6mm	Brown	CT506FR-BW	CT506TFR-BW

Unitech® 25 X 3 mm FR Covered Cu Tape

CT253FR-GN

LSF and PVC COVERED TINNED COPPER TAPE

PVC Colours to BS 5252 & Copper Tape to BS EN 13601 / IEC 62561-2

Conductor Size Colour Range Part No (LSF) Part No (PVC)

25 X 3mm	Green	CT253TLS-GN	CT253TP-GN
25 X 3mm	Grey	CT253TLS-GR	CT253TP-GR
25 X 3mm	White	CT253TLS-WE	CT253TP-WE
25 X 3mm	Brown	CT253TLS-BW	CT253TP-BW
25 X 6mm	Green	CT256TLS-GN	CT256TP-GN
25 X 6mm	Grey	CT256TLS-GR	CT256TP-GR
25 X 6mm	White	CT256TLS-WE	CT256TP-WE
25 X 6mm	Brown	CT256TLS-BW	CT256TP-BW
38 X 6mm	Green	CT386TLS-GN	CT386TP-GN
38 X 6mm	Grey	CT386TLS-GR	CT386TP-GR
38 X 6mm	White	CT386TLS-WE	CT386TP-WE
38 X 6mm	Brown	CT386TLS-BW	CT386TP-BW
50 X 6mm	Green	CT506TLS-GN	CT506TP-GN
50 X 6mm	Grey	CT506TLS-GR	CT506TP-GR
50 X 6mm	White	CT506TLS-WE	CT506TP-WE
50 X 6mm	Brown	CT506TLS-BW	CT506TP-BW

Unitech® 25 X 3 mm PVC Covered Cu Tape

CT253TP-GN

Unitech® 25 X 3 mm LSF Covered Cu Tape

CT253TLS-GN

* PVC colours to BS 5252 All colours available on request

Stainless Steel Tape - Grade 316

Stainless Steel Bar to BS EN 50164-2

Conductor Size	Part No
25x3mm	SST253
25x6mm	SST256
28x3mm	SST283



Bare and Tinned Hard Drawn Copper Bar

Copper Bar to BS EN 13601

Conductor Size	Part No (Bare)	Part No (Tinned)
25x3mm	CT253H	CT253HT
25x6mm	CT256H	CT256HT
38x6mm	CT386H	CT386HT
50x6mm	CT506H	CT506HT
50x10mm	CT5010H	CT5010HT
75x6mm	CT756H	CT756HT
100x6mm	CT1006H	CT1006HT



Bare and Tinned Flexible Copper Braid

Nominal Size	Part No (Bare)	Part No (Tinned)
12x1mm	FCB121	FCB121T
15x1.5mm	FCB151	FCB151T
19x2.5mm	FCB192	FCB192T
25x3.5mm	FCB253	FCB253T
32x6mm	FCB326	FCB326T



Bare and PVC covered Aluminium Tape

Aluminium Tape to BS2898-1350 / IEC 62561-2

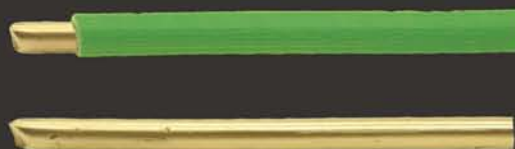
Conductor Size	Part No (Bare)	Part No (PVC)
20x3mm	CT203A	CT203AP
25x3mm	CT253A	CT253AP
25x6mm	CT256A	CT256AP

*PVC Colours to BS 5252 are available on request.



Bare and PVC Covered Solid Circular Conductor

Diameter	Cross-sectional Area	Conductor Material	Part No (Solid)	Part No (PVC)
8mm	50mm ²	Copper	CC8	CC8P



Bare Stranded Copper Conductor

Soft Drawn Stranded Copper Conductor to BS 6360

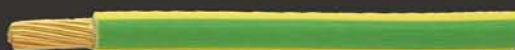
Conductor Size	# Strands / Size	Part No
6mm ²	7 / 1.04	SCC06
16mm ²	7 / 1.70	SCC16
25mm ²	7 / 2.14	SCC25
35mm ²	7 / 2.52	SCC35
50mm ²	19 / 1.78	SCC50
70mm ²	19 / 2.14	SCC70
95mm ²	19 / 2.52	SCC95
120mm ²	37 / 2.03	SCC120
150mm ²	37 / 2.25	SCC150
185mm ²	37 / 2.52	SCC185
240mm ²	61 / 2.25	SCC240
300mm ²	61 / 2.52	SCC300



PVC Covered Stranded Copper Conductor

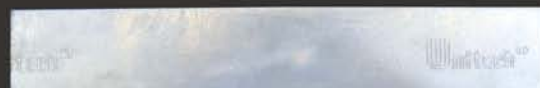
PVC Colour to BS 6746C

Conductor Size	# Strands / Size	Part No
6mm ²	7 / 1.04	SCC06P
16mm ²	7 / 1.70	SCC16P
25mm ²	7 / 2.14	SCC25P
35mm ²	7 / 2.52	SCC35P
50mm ²	19 / 1.78	SCC50P
70mm ²	19 / 2.14	SCC70P
95mm ²	19 / 2.52	SCC95P
120mm ²	37 / 2.03	SCC120P
150mm ²	37 / 2.25	SCC150P
185mm ²	37 / 2.52	SCC185P
240mm ²	61 / 2.25	SCC240P
300mm ²	61 / 2.52	SCC300P



Galvanized Steel Tape

Conductor Size	Part No
20x3mm	GST203
25x3mm	GST253
25x4mm	GST254
25x6mm	GST256
31x3mm	GST313
31x6mm	GST316
38x3mm	GST383
38x5mm	GST385
38x6mm	GST386
40x4mm	GST404
40x6mm	GST406
50x3mm	GST503
50x4mm	GST504
50x6mm	GST506



Copper Covered Steel Core

Cross-sectional Area	# Strands / Size	Part No
6mm ²	7 / 1.04	SCSC06
16mm ²	7 / 1.70	SCSC16
25mm ²	7 / 2.14	SCSC25
35mm ²	7 / 2.52	SCSC35
50mm ²	19 / 1.78	SCSC50
70mm ²	19 / 2.14	SCSC70
95mm ²	19 / 2.52	SCSC95
120mm ²	37 / 2.03	SCSC120
150mm ²	37 / 2.25	SCSC150
185mm ²	37 / 2.52	SCSC185
240mm ²	61 / 2.25	SCSC240
300mm ²	61 / 2.52	SCSC300



Bare and Tinned DC Clip - To IEC 62561-4

(For Tinned or Bare Copper Tape)

Conductor Size	Part No (Bare)	Part No (Tinned)
12.5 x 1.5mm	DC121	DC121T
12.5 x 3mm	DC123	DC123T
20 x 1.5mm	DC201	DC201T
20 x 3mm	DC203	DC203T
25 x 1.5mm	DC251	DC251T
25 x 3mm	DC253	DC253T
25 x 4mm	DC254	DC254T
25 x 6mm	DC256	DC256T
31 x 3mm	DC313	DC313T
31 x 6mm	DC316	DC316T
38 x 3mm	DC383	DC383T
38 x 5mm	DC385	DC385T
38 x 6mm	DC386	DC386T
40 x 4mm	DC404	DC404T
40 x 6mm	DC406	DC406T
50 x 3mm	DC503	DC503T
50 x 4mm	DC504	DC504T
50 x 6mm	DC506	DC506T



Bare and Tinned DC Clip - To IEC 62561-4

(For PVC Covered Copper Tape)

Conductor Size	Part No (Bare)	Part No (Tinned)
25 x 3mm	DC253P	DC253TP
25 x 6mm	DC256P	DC256TP
38 x 6mm	DC386P	DC386TP
50 x 6mm	DC506P	DC506TP



Stainless Steel DC Clip - To BS EN 50164-1

(For Stainless Steel Tape)

Conductor Size	Part No
25 x 3mm	DC253SS
25 x 6mm	DC256SS
28 x 3mm	DC283SS



Aluminium DC Clip - To IEC 62561-4

(For Aluminium Tape)

Conductor Size	Part No (Bare)	Part No (for PVC)
25 x 3mm	DC253A	DC253AP
25 x 6mm	DC256A	DC256AP



Tape Clip

(For Copper, Tinned Copper and Aluminium Tape)

Conductor Size	Material	Part No (Tinned)
20x3mm	Copper	LDC203
20x3mm	Tinned Copper	LDC203T
20x3mm	Aluminium	LDC203A
25x3mm	Copper	LDC253
25x3mm	Tinned Copper	LDC253T
25x3mm	Aluminium	LDC253A



Non-metallic DC Clip

(For Bare Copper Tape)

Conductor Size	Colour	Part No
25x3mm	Green	DC203N-GN
25x3mm	White	DC203N-WE
25x3mm	Brown	DC253N-BW
25x3mm	Grey	DC253N-GR

*Other PVC colours to BS5252 available on request.



PVC and LSF Non-metallic DC Clip

(For PVC and LSF Covered Copper Tape)

Conductor Size	Colour	Part No (PVC)	Part No (LSF)
25x3mm	Green	DC253NP-GN	DC253LS-GN
25x3mm	Grey	DC253NP-GR	DC253LS-GR
25x3mm	White	DC253NP-WE	DC253LS-WE
25x3mm	Brown	DC253NP-BW	DC253LS-BW

Non-Metallic DC Clip with Base Plate

(For Bare Copper Tape)

Conductor Size	Colour	Part No (PVC)	Part No (LSF)
25x3mm	Green	ADC253-GN	ADC253LS-GN
25x3mm	Grey	ADC253-GR	ADC253LS-GR
25x3mm	White	ADC253-WE	ADC253LS-WE
25x3mm	Brown	ADC253-BW	ADC253LS-BW

Non-Metallic LSF DC Clip with Base Plate

(For PVC and LSF Covered Copper Tape)

Conductor Size	Colour	Part No (PVC)	Part No (LSF)
25x3mm	Green	ADCP253-GN	ADCP253LS-GN
25x3mm	Grey	ADCP253-GR	ADCP253LS-GR
25x3mm	White	ADCP253-WE	ADCP253LS-WE
25x3mm	Brown	ADCP253-BW	ADCP253LS-BW



Bare and Tinned Square Clamp - To IEC 62561-1

(For Bare and Tinned Copper Tape)

Conductor Size	Part No (Bare)	Part No (Tinned)
25x3mm	SC253	SC253T
25x6mm	SC256	SC256T
31x3mm	SC313	SC313T
31x6mm	SC316	SC316T
38x6mm	SC386	SC386T
50x6mm	SC506	SC506T



Stainless Steel Square Clamp - To BS EN 50164-1

Conductor Size	Part No
25x3mm	SC253SS
25x6mm	SC256SS
28x3mm	SC283SS



Aluminium Square Tape Clamp - To IEC 62561-1

Conductor Size	Part No
25x3mm	SC253A
25x6mm	SC256A



Oblong Test or Junction Clamp - To IEC 62561-1

Conductor Size	Part No (Bare)	Part No (Tinned)
25x3mm	JC253	JC253T
25x6mm	JC256	JC256T
31x3mm	JC313	JC313T
38x6mm	JC386	JC386T
50x6mm	JC506	JC506T



Junction Box For Oblong Test Clamp

25x6mm Max. Stainless Steel Junction Box	JB10SS
50x6mm Max. Hot Dip Galvanized Junction Box	JB883HG



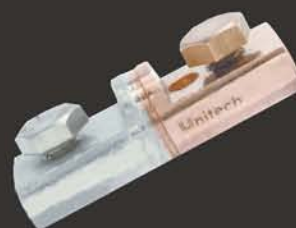
Cross Junction Clamp - To IEC 62561-1

Conductor Size	Material	Part No
25x3mm	Copper	CJC253
25x3mm	Aluminium	CJC253A



Bimetallic Connector - To IEC 62561-1

Conductor Size	Part No
25x3mm Aluminium Tape to 25x3mm Copper Tape	BMC253



Back Plate Holdfast Stem

Material	Part No
Copper	BPHS10
Aluminium	BPHS10A



One Hole Cable Clip

Conductor Dia	Conductor Material	Part No
8mm	Copper	OHCC8
8mm	Tinned Copper	OHCC8T
8mm	Aluminium	OHCC8A
10mm	Copper	OHCC10
10mm	Tinned Copper	OHCC10T
10mm	Aluminium	OHCC10A



Heavy Duty Cast Cable Saddle - To IEC 62561-1

Conductor Dia	Conductor Material	Part No
8mm	Copper	CCS8
8mm	Tinned Copper	CCS8T
8mm	Aluminium	CCS8A
10mm*	Copper	CCS10
10mm*	Tinned Copper	CCS10T
10mm*	Aluminium	CCS10A

*PVC Covered 8mm conductor



Glazing Bar Holdfast

Conductor Material	Max. Glazing Bar Width	Part No
Copper	12mm	BH12
Tinned Copper	12mm	BH12T
Aluminium	12mm	BH12A

*To use with DC Clips



Square Clamp

Conductor Dia	Material	Part No
8mm	Copper	CSC8
8mm	Tinned Copper	CSC8T
8mm	Aluminium	CSC8A



Tee Clamp

Conductor Dia	Material	Part No
8mm	Copper	CTC8
8mm	Tinned Copper	CTC8T
8mm	Aluminium	CTC8A



Jointing Clamp

Conductor Dia	Material	Part No
8mm	Copper	CJC8
8mm	Tinned Copper	CJC8T
8mm	Aluminium	CJC8A



Test Clamp

Conductor Dia	Material	Part No
8mm	Copper	CTSC8
8mm	Tinned Copper	CTSC8T
8mm	Aluminium	CTSC8A



Metalwork Bond

Conductor Dia	Material	Part No
8mm	Copper	CMB8
8mm	Tinned Copper	CMB8T
8mm	Aluminium	CMB8A



Pipe Bond

Conductor Dia	Pipe Dia	Material	Part No
8mm	50-300mm	Copper	CPB8
8mm	50-300mm	Tinned Copper	CPB8T
8mm	50-300mm	Aluminium	CPB8A



Re-Bar Clamp

Conductor Dia	Pipe Dia	Material	Part No
8mm	8-20mm	Copper	RBC820
8mm	8-20mm	Tinned Copper	RBC820T
8mm	20-40mm	Copper	RBC204
8mm	20-40mm	Tinned Copper	RBC204T



Straight Conductor Socket

Conductor Dia	Palm Hole Dia	Material	Part No
8mm	12mm	Copper	SCS8
8mm	12mm	Tinned Copper	SCS8T
8mm	12mm	Aluminium	SCS8A



Cable Test Junction Clamp

Conductor Size	Material	Part No
50mm ²	Copper	CTJC50
70mm ²	Copper	CTJC70
95mm ²	Copper	CTJC95
50mm ²	Tinned Copper	CTJC50T
70mm ²	Tinned Copper	CTJC70T
95mm ²	Tinned Copper	CTJC95T



Square Cable Clamp

Conductor Size	Material	Part No
50mm ²	Copper	SQC50
70mm ²	Copper	SQC70
95mm ²	Copper	SQC95
120mm ²	Copper	SQC120
150mm ²	Copper	SQC150
185mm ²	Copper	SQC185
50mm ²	Tinned Copper	SQC50T
70mm ²	Tinned Copper	SQC70T
95mm ²	Tinned Copper	SQC95T
120mm ²	Tinned Copper	SQC120T
150mm ²	Tinned Copper	SQC150T
185mm ²	Tinned Copper	SQC185T



Solid Copper Earth Rod

Rod Dia	Length	Part No
14mm	1200mm	SCE1412
14mm	1500mm	SCE1415
16mm	1200mm	SCE1612
16mm	1500mm	SCE1615
20mm	1200mm	SCE2012
20mm	1500mm	SCE2015
25mm	1200mm	SCE2512
25mm	1500mm	SCE2515

Stainless Steel Rod

Rod Dia	Length	Part No
16mm	1200mm	SSE1612
16mm	1500mm	SSE1615
20mm	1200mm	SSE2012
20mm	1500mm	SSE2015

Driving Stud

Rod Dia	Part No
14mm	DS014
16mm	DS016
20mm	DS020
25mm	DS025

Coupling Dowel

Rod Dia	Part No
M10	CP010

Spike

Rod Dia	Part No
14mm	DSK14
16mm	DSK16
20mm	DSK20
25mm	DSK25



Driving Stud



Solid Copper Earth Rod



Coupling Dowel



Solid Copper Earth Rod



Spike

Unitech Copperbond Earth Rod - To IEC 62561-2

Steel Core: Low carbon high tensile steel, AISI-1018 (SAE-1018), UTS = 600N/mm²

Copper Jacket: 254 microns of 99.9% pure electrolytic

Rod Dia (Nominal)	Length	Rod Dia (Actual)	Part No (Threaded)	Part No (Non-Threaded)
(1/2")12.5mm	1200mm(4')	11mm	B001	NE001
(1/2")12.5mm	1500mm(5')	11mm	B002	NE002
(1/2")12.5mm	1800mm(6')	11mm	B003	NE003
(1/2")12.5mm	2400mm(8')	11mm	B004	NE004
(1/2")12.5mm	3000mm(10')	11mm	B005	NE005
(9/16")14mm	1200mm(4')	12.5mm	B101	NE101
(9/16")14mm	1500mm(5')	12.5mm	B102	NE102
(9/16")14mm	1800mm(6')	12.5mm	B103	NE103
(9/16")14mm	2400mm(8')	12.5mm	B104	NE104
(9/16")14mm	3000mm(10')	12.5mm	B105	NE105
(5/8")16mm	1200mm(4')	14.2mm	B201	NE201
(5/8")16mm	1500mm(5')	14.2mm	B202	NE202
(5/8")16mm	1800mm(6')	14.2mm	B203	NE203
(5/8")16mm	2400mm(8')	14.2mm	B204	NE204
(5/8")16mm	3000mm(10')	14.2mm	B205	NE205
(3/4")19mm	1200mm(4')	17.2mm	B301	NE301
(3/4")19mm	1500mm(5')	17.2mm	B302	NE302
(3/4")19mm	1800mm(6')	17.2mm	B303	NE303
(3/4")19mm	2400mm(8')	17.2mm	B304	NE304
(3/4")19mm	3000mm(10')	17.2mm	B305	NE305
(1")25mm	1200mm(4')	23.1mm	B401	NE401
(1")25mm	1500mm(5')	23.1mm	B402	NE402
(1")25mm	1800mm(6')	23.1mm	B403	NE403
(1")25mm	2400mm(8')	23.1mm	B404	NE404
(1")25mm	3000mm(10')	23.1mm	B405	NE405
M18	1500mm(5')	16mm	B1615	NE1615
M18	1800mm(6')	16mm	B1618	NE1618
M18	2400mm(8')	16mm	B1624	NE1624
M18	3000mm(10')	16mm	B1630	NE1630
M20	1500mm(5')	18mm	B1815	NE1815
M20	1800mm(6')	18mm	B1818	NE1818
M20	2400mm(8')	18mm	B1824	NE1824
M20	3000mm(10')	18mm	B1830	NE1830
M22	1500mm(5')	20mm	B2015	NE2015
M22	1800mm(6')	20mm	B2018	NE2018
M22	2400mm(8')	20mm	B2024	NE2024
M22	3000mm(10')	20mm	B2030	NE2030
M24	1500mm(5')	22mm	B2215	NE2215
M24	1800mm(6')	22mm	B2218	NE2218
M24	2400mm(8')	22mm	B2224	NE2224
M24	3000mm(10')	22mm	B2230	NE2230
M27	1500mm(5')	25mm	B2515	NE2515
M27	1800mm(6')	25mm	B2518	NE2518
M27	2400mm(8')	25mm	B2524	NE2524
M27	3000mm(10')	25mm	B2530	NE2530

* Special sizes and copper thickness can be supplied on request.



Stainless Steel Sheathed Earth Rod

Rod Dia	Length	Part No
12.5mm	1400mm	OS12514
12.5mm	1800mm	OS12518
12.5mm	2400mm	OS12524

Stainless Steel Coupling

Thread Size	Length	Part No
12.5	60mm	CPSS500



OS Series

Copper Coupling - To IEC 62561-1

Thread Size	Length	Part No
1/2"	60mm	CP500
9/16"	60mm	CP501
5/8"	70mm	CP502
3/4"	70mm	CP503
1"	70mm	CP504



High Tensile Steel Driving Stud

For Earth Rod Size	Part No
1/2"	DS80
9/16"	DS81
5/8"	DS82
3/4"	DS83
1"	DS84



Driving Spike

Rod Dia	Part No
9/16"	ES01
5/8"	ES02
3/4"	ES03
1"	ES04



Rod To Tape Clamp (Type A) - To IEC 62561-1

Rod Dia	Max. Conductor	Part No
12.5mm(1/2")	26x12mm	RTC10
16mm(5/8")	26x12mm	RTC10
19mm(3/4")	26x10mm	RTC10
16mm(5/8")	40x12mm	RTC30
16mm(5/8")	51x8mm	RTC40
19mm(3/4")	51x12mm	RTC50
12.5mm(1/2")	26x20mm	RTC60
16mm(5/8")	26x18mm	RTC60
19mm(3/4")	26x10mm	RTC60
25mm(1")	26x10mm	RTC60



Rod To Cable Clamp (Type B) - To BS EN 50164-1

Rod Dia	Conductor Range	Part No
9.5mm(3/8")	6-35mm	RCC9
12.5mm(1/2")	16-50mm	RCC12
16mm(5/8")	16-70mm	RCC16
19mm(3/4")	16-95mm	RCC20
25mm(1")	70-120mm	RCC25



AB Clamp

Rod Dia	Max Conductor	Part No
16mm (5/8")	25mm x 3mm	CLAB500



Rod To Cable Lug Clamp

Rod Dia	Rod Type	Part No
9.5mm (3/8")	Copperbond	RCLC9
16mm (5/8")	Copperbond	RCLC16
19mm (3/4")	Copperbond	RCLC20
16mm (5/8")	Solid Copper	RCLC16S
19mm (3/4")	Solid Copper	RCLC20S



Tower Clamp

Max Conductor Size	Part No
50-70mm ²	TC50
70-95mm ²	TC70



Earth Boss

Material	Thread	Part No
Galvanized Steel	M10	EB10GS
Stainless Steel 316	M10	EB10SS



Tinned Copper Bonding Clip

Ext. Dia of Water Pipe	Part No
4/8"	BC6
6/8"	BC8
15mm	BC15
48mm	BC48
76mm	BC76

*Other sizes available on request.



I "U" BOLT ROD CLAMP - To IEC 62561-1

Rod / Pipe Dia	No. of Conductor(s)	Conductor Size	No. of Copper Tape(s)	Tape Size	Part No.
16mm (5/8") - 19mm (3/4")	1	50 - 95mm ²	-	-	UC301
16mm (5/8") - 19mm (3/4")	2	50 - 70mm ²	-	-	UC302
16mm (5/8") - 19mm (3/4")	3	50 - 70mm ²	-	-	UC303
16mm (5/8") - 19mm (3/4")	5	50 - 70mm ²	-	-	UC304
16mm (5/8") - 19mm (3/4")	3	50 - 120mm ²	-	-	UC305
16mm (5/8") - 19mm (3/4")	2	70 - 120mm ²	-	-	UC306
16mm (5/8") - 19mm (3/4")	1	70 - 120mm ²	-	25mm x 3mm	UC307
16mm (5/8") - 19mm (3/4")	-	-	1 or 2	25mm x 3mm	UC308
30mm	-	-	1 or 2	50mm x 6mm	UC309
40mm	-	-	1	25mm x 3mm	UC310



UC301



UC303



UC304



UC307



UC308



UC310

SPECIFICATION OF "H" BOLT ROD CLAMP - To IEC 62561-1

Rod / Pipe Dia	No. of Conductor(s)	Conductor Size	No. of Copper Tape(s)	Tape Size	Part No.
16mm (5/8") - 19mm (3/4")	1	50 - 95mm ²	-	-	HC401
16mm (5/8") - 19mm (3/4")	1	95 - 120mm ²	-	-	HC402
16mm (5/8") - 19mm (3/4")	2	50 - 95mm ²	-	-	HC403
16mm (5/8") - 19mm (3/4")	3	70 - 95mm ²	-	-	HC404
16mm (5/8") - 19mm (3/4")	1	120 - 150mm ²	-	-	HC405
16mm (5/8") - 19mm (3/4")	2	70 - 95mm ²	1	25mm x 3mm	HCL504
16mm (5/8") - 19mm (3/4")	-	-	1	50mm x 6mm	HCL506
16mm (5/8") - 19mm (3/4")	2	6mm ²	1	50mm x 6mm	HCL506S
300mm ²	2	70mm ²	-	-	HCL507
16mm (5/8") - 19mm (3/4")	2	120 - 150mm ²	-	-	HCL512
16mm (5/8") - 19mm (3/4")	3	120 - 150mm ²	-	-	HCL513
300mm ²	2 + 1	70mm + 150mm ²	-	-	HCL514
300mm ²	5	70mm ²	2	25mm x 3mm	HCL515
16mm (5/8") - 19mm (3/4")	2	95 - 120mm ²	-	-	HCL516
120mm ²	8	120mm ²	-	-	HCL120-4
40mm Dia Rebar	1 + 1	40mm Dia Rebar	-	-	HCL401/2/40R



HCL506S



HCL506



HC404



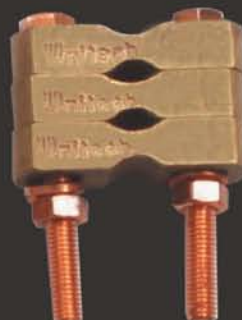
HCL507



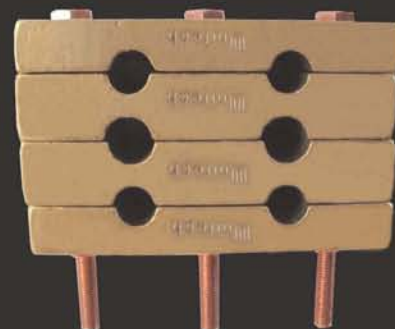
HCL516



HCL514



HC401-2



HCL120-4

Watermain Pipe Bond

Max. Tape Width	Material	Part No
26mm	Copper	WMB26
26mm	Aluminium	WMB26A



Bar Bond

Max. Tape Width	Bolt Size	Material	Part No
26mm	M10	Copper	BB26
26mm	M10	Aluminium	BB26A
31mm	M10	Copper	BB31



Rain Water Pipe Bond

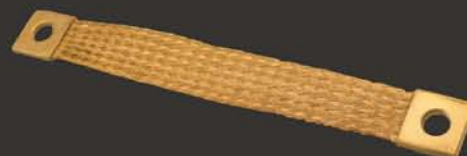
Max. Tape Width	Bolt Size	Material	Part No
26mm	M10	Copper	RWP26
26mm	M10	Aluminium	RWP26A



Flexible Copper Braid Bond

(For bonding gates, doors or fences)

Dimensions	Hole Size	Length	Part No
25x3.5mm	11mm	200mm	FES101
25x3.5mm	11mm	400mm	FES102



Tower Earth Clamp

(For Bonding Copper Cable To Steel Bar)

Dimensions	Bolt Size	Conductor	Part No
16-70mm ²	M10	Copper	TEC16*
16-70mm ²	M10	Tinned Copper	TEC16T*
25-50mm ²	M10	Copper	TEC25*
25-50mm ²	M10	Tinned Copper	TEC25T*
70-120mm ²	M12	Copper	TEC70
70-120mm ²	M12	Tinned Copper	TEC70T
120-185mm ²	M12	Copper	TEC120
185-240mm ²	M12	Copper	TEC185

*Suitable for 8mm² solid circular conductor.



Earthing Receptacle

(For Boats and Trucks)

Rod Dia	Part No
16mm (5/8")	EB58
19mm (3/4")	EB34



Static Earth Receptacle

(For Aircraft, Fuel Trucks)

Material	Part No
Copper	SER10
Stainless Steel Grade 316	SER20



High Strength Connector

L	M	H	S	Part No
20mm	M17 x 2.5mm	6mm	18mm	HSC20
27mm	M19 x 2.5mm	7mm	20mm	HSC27
35mm	M21 x 2.5mm	7mm	22mm	HSC35
42mm	M23 x 2.5mm	11mm	24mm	HSC42
45mm	M25 x 2.5mm	14mm	26mm	HSC45
60mm	M29 x 2.5mm	17mm	30mm	HSC60
62mm	M31 x 2.5mm	20mm	32mm	HSC62



C-Connector

Conductor Size	H	B	L	C	Part No
25-35mm ²	25mm	15mm	22mm	10mm	CC25
50-70mm ²	34mm	21.5mm	25mm	11mm	CC50
95mm ²	41mm	25mm	29mm	14.5mm	CC95
120mm ²	47.5mm	29mm	30mm	16mm	CC120
150mm ²	25mm	15mm	22mm	10mm	CC150
185mm ²	34mm	21.5mm	25mm	11mm	Cc185



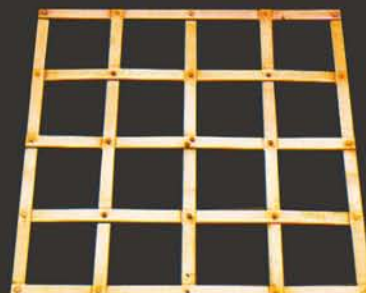
Earth Plate - Solid Copper

Size	Part No
600 x 600 x 1.5	EPS661
900 x 900 x 1.5	EPS991
1200 x 1200 x 1.5	EPS12121
600 x 600 x 3	EPS663
900 x 900 x 3	EPS993
1200 x 1200 x 3	EPS12123
600 x 600 x 6	EPS666
900 x 900 x 6	EPS996
1200 x 1200 x 6	EPS12126



Earth Mat - Copper Tape

Size	Part No
600 x 600 x 3mm	EPL663
900 x 900 x 3mm	EPL993
1200 x 1200 x 3mm	EPL12123
600 x 600 x 6mm	EPL666
900 x 900 x 6mm	EPL996
1200 x 1200 x 6mm	EPL12126



Concrete Inspection Pit - To IEC 62561-5

Type	Matereial	Part No
Square	Concrete	CIP10S



Water Sealing Gland

Type

Part No

Top Water Sealing Gland

WPS - 1A

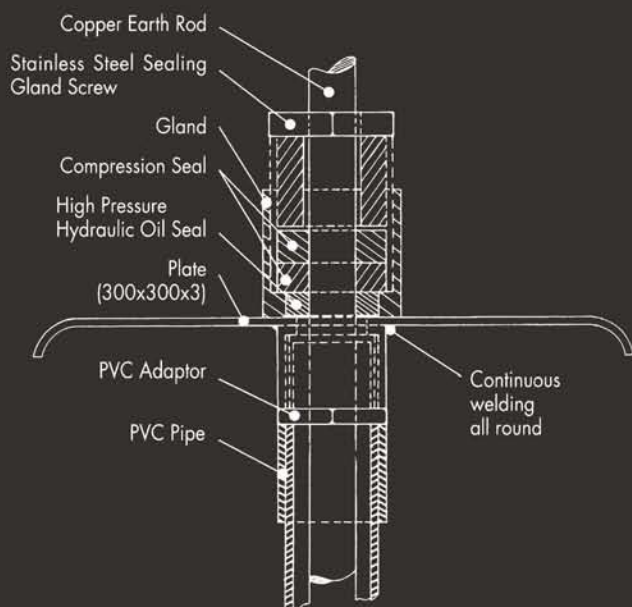
Bottom Water Sealing Gland

WPS - 1B

Double Sealing Gland

WPS - 3

TOP : Pressure tested to 200 PSI

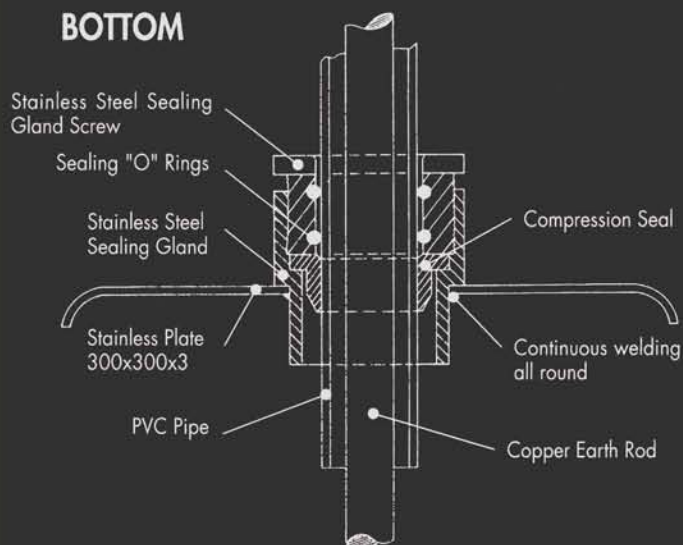


Top Water Sealing Gland



Double Sealing Gland

BOTTOM



Resistivity Enhancement Soil

RES 1 is a conductive cementitious product used in the improvement of earthing electrodes. It lowers the overall resistance of the system by increasing the surface area thus lowering resistance & increase the overall capacitance. RES 1 is sold in powder form and can be used as is right out of the bag, or mixed with water into a slurry.

Technical Specification

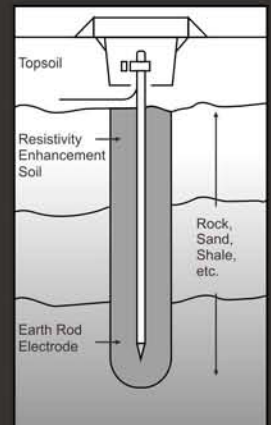
Number	Test Item	Standard	Test Value		Conclusion
1	resistance test in room temp	$p \leq 5 \Omega.m$	$p = 0.56 \Omega.m \Delta$		acceptable
2	Physical and chemical performance check (1) dehydration test (2) cold and heat cycling (3) water dipping	$p \leq 6 \Omega.m$	$p = 0.81 \Omega.m$ $p = 0.51 \Omega.m$ $p = 0.48 \Omega.m$		acceptable acceptable acceptable
3	impact electric current tolerance	$\Delta R\% \leq 20\%$	$\Delta R\% = 4\%$		acceptable
4	working frequency electric current tolerance	$\Delta R\% \leq 20\%$	$\Delta R\% = 1.4\%$		acceptable
5	PH value measurement	Ph value is within 7-12	PH=9.6		acceptable
6	corrosion test from resistance reducing agent to steel grounding unit		surface average corrosion rate (mm/a)	range (mm/a)	acceptable
			Round steel: 0.0006	0.0005-0.0009	
	(1) corrosion test from pure resistance reducing agent to steel grounding unit	surface average corrosion rate $\leq 0.03mm/a$	Flat steel: 0.0005	0.0005-0.0008	acceptable
			Zinc coated round steel: 0.0003	0.0002-0.0007	acceptable
			Zinc coated flat steel: 0.0002	0.0001-0.0006	acceptable
	(2) corrosion test to steel grounding units when rooted in ground	average corrosion rate $\leq 0.05mm/a$	Round steel: 0.0005	0.0003-0.0005	acceptable
			Flat steel: 0.0003	0.0002-0.0005	acceptable
			Zinc coated round steel: 0.0004	around 0.0004	acceptable
			Zinc coated flat steel: 0.0004	0.0002-0.0005	acceptable

Sack weight

25 kg

Part no.

RES 1



Bentonite

Bentonite expands when wet, absorbing as much as several times its dry mass in water while also improving the moisture retention in soil thus making it a great compound to use as back-fill in electrical earthing applications.

Sack weight

25 kg

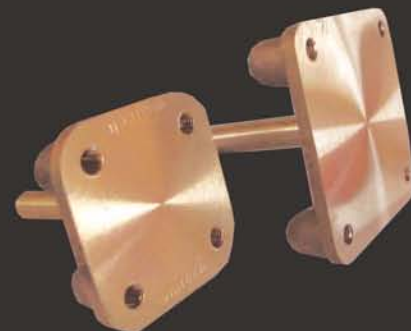
Part no.

BN001



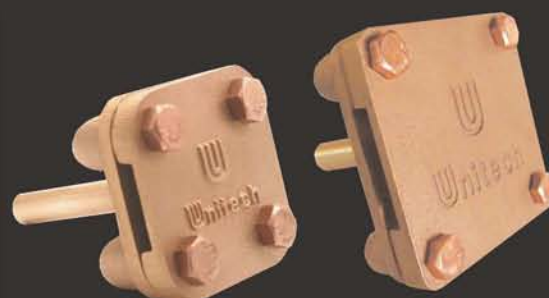
Four-Hole Earth Point - To IEC 62561-1

Hole Size	Length	Material	Tape Size	Part No
M8 x 15mm	55mm	Copper	25x3mm	EP4
M8 x 15mm	55mm	Tinned Copper	25x3mm	EP4T
M8 x 15mm	60mm	Copper	25x6mm	EP4-256
M8 x 15mm	60mm	Tinned Copper	25x6mm	EP4T-256
M8 x 15mm	60mm	Copper	38x6mm	EP4-386
M8 x 15mm	60mm	Tinned Copper	38x6mm	EP4T-386
M8 x 15mm	60mm	Copper	50x6mm	EP4-506
M8 x 15mm	60mm	Tinned Copper	50x6mm	EP4T-506



Four-Hole Earth Point with Cover Plate - To IEC 62561-1

Hole size	Material	Tape Size	Part No
M8	Copper	25x3mm	EPCP4
M8	Tinned Copper	25x3mm	EPCP4T
M8	Copper	25x6mm	EPCP4-256
M8	Tinned Copper	25x6mm	EPCP4T-256
M8	Copper	38x6mm	EPCP4-386
M8	Tinned Copper	38x6mm	EPCP4T-386
M8	Copper	50x6mm	EPCP4-506
M8	Tinned Copper	50x6mm	EPCP4T-506



Copper Point Cover Plate - To IEC 62561-1

Material	Tape Size	Part No
Copper	25x3mm	EPCP
Tinned Copper	25x3mm	EPCPT
Copper	25x6mm	EPCP-256
Tinned Copper	25x6mm	EPCPT-256
Copper	38x6mm	EPCP-386
Tinned Copper	38x6mm	EPCPT-386
Copper	50x6mm	EPCP-506
Tinned Copper	50x6mm	EPCPT-506



Two-Hole Earth Point

Hole Size	Material	Part No
M8	Copper	EP2
M8	Tinned Copper	EP2T



Earth Point Welded to 70mm² (G/Y) Cable

- To IEC 62561-1

Description	Part No
Four Hole Copper Earth Point Welded to 1 x 500mm Length 70mm ² (Y/G) Cable Straight	EP4-70P
Four Hole Tinned Copper Earth Point Welded to 1 x 500mm Length 70mm ² (Y/G) Cable Straight	EP4T-70P
Four Hole Copper Earth Point c/w Cover Plate Welded to 1 x 500mm Length 70mm ² (Y/G) Cable Straight	EPCP4-70P
Four Hole Tinned Copper Earth Point c/w Cover Plate Welded to 1 x 500mm Length 70mm ² (Y/G) Cable Straight	EPCP4T-70P



Earth Point Welded to 2 x 70mm² (G/Y) Cable

- To IEC 62561-1

Description	Part No
Four Hole Copper Earth Point Welded to 2 x 500mm Length 70mm ² (Y/G) Cable (Tee)	EP4-70P2
Four Hole Tinned Copper Earth Point Welded to 2 x 500mm Length 70mm ² (Y/G) Cable (Tee)	EP4T-70P2
Four Hole Copper Earth Point c/w Cover Plate Welded to 2 x 500mm Length 70mm ² (Y/G) Cable (Tee)	EPCP4-70P2
Four Hole Tinned Copper Earth Point c/w Cover Plate Welded to 2 x 500mm Length 70mm ² (Y/G) Cable (Tee)	EPCP4T-70P2



Copper Earth Point welded to Mild Steel Rod

- To IEC 62561-1

Joint Type	Steel Rod Dia	Part No (Bare)	Part No (Tinned)
T Joint	10mm	EP4-10H	EP4T-10H
T Joint	16mm	EP4-16H	EP4T-16H
T Joint	20mm	EP4-20H	EP4T-20H
T Joint	25mm	EP4-25H	EP4T-25H
Straight Joint	10mm	EP4-10S	EP4T-10S
Straight Joint	16mm	EP4-16S	EP4T-16S
Straight Joint	20mm	EP4-20S	EP4T-20S
Straight Joint	25mm	EP4-25S	EP4T-25S

*Customer lengths and size of mild steel rod (cable) available on request.



Copper Earth Point with Cover Plate welded to Mild Steel Rod

- To IEC 62561-1

Joint Type	Steel Rod Dia	Part No (Bare)	Part No (Tinned)
T Joint	10mm	EPCP4-10H	EPCP4T-10H
T Joint	16mm	EPCP4-16H	EPCP4T-16H
T Joint	20mm	EPCP4-20H	EPCP4T-20H
T Joint	25mm	EPCP4-25H	EPCP4T-25H
Straight Joint	10mm	EPCP4-10S	EPCP4T-10S
Straight Joint	16mm	EPCP4-16S	EPCP4T-16S
Straight Joint	20mm	EPCP4-20S	EPCP4T-20S
Straight Joint	25mm	EPCP4-25S	EPCP4T-25S

*Customer lengths and size of mild steel rod (cable) available on request.

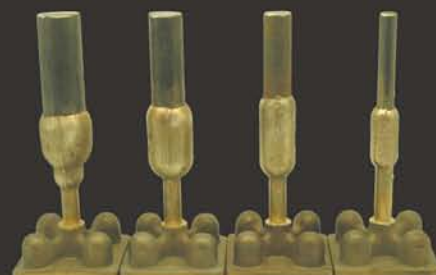
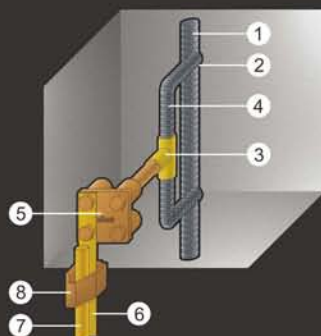
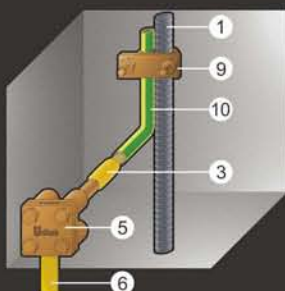
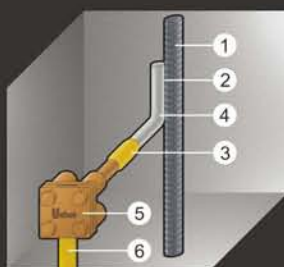
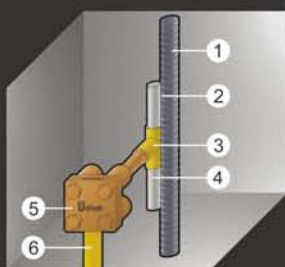


ILLUSTRATION OF COMMON DESIGNS AND INSTALLATIONS



1. Reinforcement down conductor
2. Arc welding
3. Exothermic welding connection
4. Mild steel bar
5. Earth point
6. Copper tape
7. Earth rod
8. Rod to tape A Clamp
9. Rod to tape B Clamp
10. Yellow / green cable

JOINT TYPE : BUSBAR TO BUSBAR



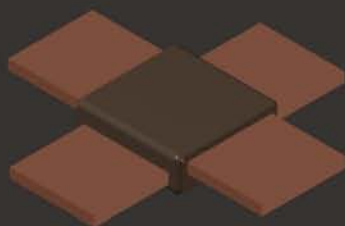
BB1



BB7



BB14



BB40



BB41



BB27

JOINT TYPE : CABLE TO CABLE



CC1



CC2



CC3



CC4



CC7



CC11



CC14



CC25

JOINT TYPE : CABLE TO ROD



CR1



CR2



CR4

JOINT TYPE : CABLE TO BUSBAR



CB1



CB5

JOINT TYPE : ROD TO BUSBAR



BR1



BR3



BR5



BR8

JOINT TYPE : CABLE TO REBAR



CC24



CC25

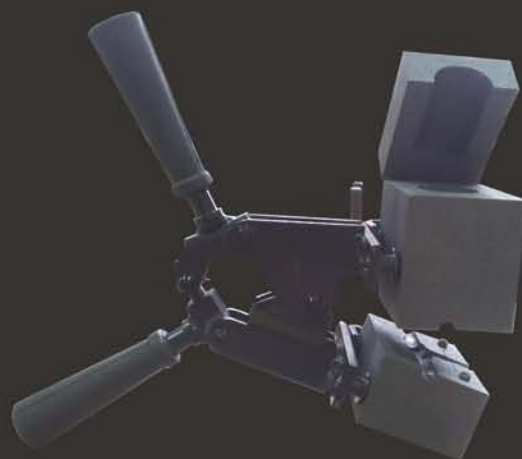


CC26



CC27

WELDING HANDLING CLAMP



Mold Type	Part No.
C	UHCC
D	UHCD
E	UHCE

WELDING POWDER

Welding Powder (g)	Part No.
45	UP45
65	UP65
90	UP90
115	UP115
150	UP150
200	UP200
250	UP250



WELDING TOOL KIT

Description	Part No.
Welding Tool Kit	TK-100



Earthling Terminal - To IEC 6256-11

50x6mm Earth Bars

Description	Length	Part No.
4 Way	300 mm	EBD 300/4 W/ 506
5 Way	400 mm	EBD 400/5 W/ 506
6 Way	450 mm	EBD 450/6 W/ 506
7 Way	475 mm	EBD 475/7 W/ 506
8 Way	550 mm	EBD 550/8 W/ 506
9 Way	600 mm	EBD 600/9 W/ 506
10 Way	650 mm	EBD 650/10 W/ 506
11 Way	700 mm	EBD 700/11 W/ 506
12 Way	750 mm	EBD 750/12 W/ 506
13 Way	800 mm	EBD 800/13 W/ 506
14 Way	850 mm	EBD 850/14 W/ 506
15 Way	900 mm	EBD 900/15 W/ 506
16 Way	950 mm	EBD 950/16 W/ 506
17 Way	1000 mm	EBD 1000/17 W/ 506
18 Way	1050 mm	EBD 1050/18 W/ 506
19 Way	1150 mm	EBD 1150/19 W/ 506
20 Way	1200 mm	EBD 1200/20 W/ 506
21 Way	1250 mm	EBD 1250/21 W/ 506
22 Way	1300 mm	EBD 1300/22 W/ 506
23 Way	1350 mm	EBD 1350/23 W/ 506
24 Way	1400 mm	EBD 1400/24 W/ 506
25 Way	1450 mm	EBD 1450/25 W/ 506
26 Way	1500 mm	EBD 1500/26 W/ 506
27 Way	1550 mm	EBD 1550/27 W/ 506
28 Way	1650 mm	EBD 1650/28 W/ 506
29 Way	1700 mm	EBD 1700/29 W/ 506
30 Way	1750 mm	EBD 1750/30 W/ 506

50x6mm Earth Bars With Single Disconnecting Link

Description	Length	Part No.
4 Way	400 mm	EBD 400 S/ 4 W/ 506
5 Way	500 mm	EBD 500 S/ 5 W/ 506
6 Way	550 mm	EBD 550 S/ 6 W/ 506
7 Way	575 mm	EBD 575 S/ 7 W/ 506
8 Way	650 mm	EBD 650 S/ 8 W/ 506
9 Way	700 mm	EBD 700 S/ 9 W/ 506
10 Way	750 mm	EBD 750 S/ 10 W/ 506
11 Way	800 mm	EBD 800 S/ 11 W/ 506
12 Way	850 mm	EBD 850 S/ 12 W/ 506
13 Way	900 mm	EBD 900 S/ 13 W/ 506
14 Way	950 mm	EBD 950 S/ 14 W/ 506
15 Way	1000 mm	EBD 1000 S/ 15 W/ 506
16 Way	1050 mm	EBD 1050 S/ 16 W/ 506
17 Way	1100 mm	EBD 1100 S/ 17 W/ 506
18 Way	1150 mm	EBD 1150 S/ 18 W/ 506
19 Way	1250 mm	EBD 1250 S/ 19 W/ 506
20 Way	1300 mm	EBD 1300 S/ 20 W/ 506
21 Way	1350 mm	EBD 1350 S/ 21 W/ 506
22 Way	1400 mm	EBD 1400 S/ 22 W/ 506
23 Way	1450 mm	EBD 1450 S/ 23 W/ 506
24 Way	1500 mm	EBD 1500 S/ 24 W/ 506
25 Way	1550 mm	EBD 1550 S/ 25 W/ 506
26 Way	1600 mm	EBD 1600 S/ 26 W/ 506
27 Way	1650 mm	EBD 1650 S/ 27 W/ 506
28 Way	1750 mm	EBD 1750 S/ 28 W/ 506
29 Way	1800 mm	EBD 1800 S/ 29 W/ 506
30 Way	1850 mm	EBD 1850 S/ 30 W/ 506

50x6mm Earth Bars With Twin Disconnecting Link

Description	Length	Part No.
4 Way	500 mm	EBD 500 D/ 4 W/ 506
5 Way	600 mm	EBD 600 D/ 5 W/ 506
6 Way	650 mm	EBD 650 D/ 6 W/ 506
7 Way	675 mm	EBD 675 D/ 7 W/ 506
8 Way	750 mm	EBD 750 D/ 8 W/ 506
9 Way	800 mm	EBD 800 D/ 9 W/ 506
10 Way	850 mm	EBD 850 D/ 10 W/ 506
11 Way	900 mm	EBD 900 D/ 11 W/ 506
12 Way	950 mm	EBD 950 D/ 12 W/ 506
13 Way	1000 mm	EBD 1000 D/ 13 W/ 506
14 Way	1050 mm	EBD 1050 D/ 14 W/ 506
15 Way	1100 mm	EBD 1100 D/ 15 W/ 506
16 Way	1150 mm	EBD 1150 D/ 16 W/ 506
17 Way	1200 mm	EBD 1200 D/ 17 W/ 506
18 Way	1250 mm	EBD 1250 D/ 18 W/ 506
19 Way	1350 mm	EBD 1350 D/ 19 W/ 506
20 Way	1400 mm	EBD 1400 D/ 20 W/ 506
21 Way	1450 mm	EBD 1450 D/ 21 W/ 506
22 Way	1500 mm	EBD 1500 D/ 22 W/ 506
23 Way	1550 mm	EBD 1550 D/ 23 W/ 506
24 Way	1600 mm	EBD 1600 D/ 24 W/ 506
25 Way	1650 mm	EBD 1650 D/ 25 W/ 506
26 Way	1700 mm	EBD 1700 D/ 26 W/ 506
27 Way	1750 mm	EBD 1750 D/ 27 W/ 506
28 Way	1850 mm	EBD 1850 D/ 28 W/ 506
29 Way	1900 mm	EBD 1900 D/ 29 W/ 506
30 Way	1950 mm	EBD 1950 D/ 30 W/ 506

Disconnecting Link

Description	Length	Part No.
Disconnecting Link	125 mm	EBD125



EBD125



EBD450/6W/506



EBD650D/6W/506



FIBERGLASS LADDER



EN 131



Specification

**MAX. LOAD:
150KG**

Item No.	Step	H(mm) 	W1(mm) 	W2(mm) 	Approx. Wt (kg)	Pack Size cm	Capacity 20' 40'	Cert.
AFG-1004	4	1166	971	490	9.72	123x49x21	210 420	✓
AFG-1005	5	1456	1160	530	10.70	154x53x21	180 360	✓
AFG-1006	6	1746	1348	570	11.82	184x57x21	132 264	✓
AFG-1007	7	2036	1537	610	12.87	215x61x21	110 220	✓
AFG-1008	8	2326	1725	650	13.90	245x65x21	100 200	✓
AFG-1009	9	2616	1914	690	14.97	276x69x21	80 160	
AFG-1010	10	2906	2102	730	16.10	306x73x21	20 40	
AFG-1011	11	3196	2291	770	16.64	306x73x21	20 40	
AFG-1012	12	3486	2481	810	17.21	306x73x21	20 40	
AFG-1013	13	3776	2669	850	17.82	306x73x21	20 40	
AFG-1014	14	4066	2858	890	18.40	427x89x21	20 40	
AFG-1015	15	4356	3047	930	19.10	458x93x21	20 40	

TGW-1 Tip and Glide Wheel (Packing : 2pcs / Set)
All ATOM AFG Series Ladder Comply to EN131 Standard.

Power by



LRT Lightning Resistance Transformer

LRT-3KC

LRT-1.5KC

The LRT type can minimize the damage of lightning surge and guarantee the surge attenuation rate (transfer rate : -60dB) by a lightning resistance transformer itself, and in other words, it can be attenuated to the ratio of 1000:1. The most suitable application would be Mobile satellite station, server and storage, and protection of electronics measurement apparatuses at laboratory and Security control room.



Attenuation rate = $20 \log V_s / V_p$ (dB)

V_p : Primary voltage

V_s : Secondary voltage

Attenuation rate : High Performance of -60dB

Capacity: 1,5KV × 2Set

Primary : Your Country Voltage

Secondary : Your Country Voltage

Standard : IEC61558

Withstand voltage : for 1 minute at 10kV (Between primary ~ Secondary winding and ground)

Withstand voltage against shock wave: 30kV (1.2×5.0 μs)

Voltage Fluctuation rate : 5

Insulation resistance : 100MΩ or more with DC1000V Ohmmeter.

INPUT : BREAKER

OUTPUT : BREAKER



DIMENSION

Mold Type	Wide	Depth	Height	Weight
LRT-1.5KC	250mm	340mm	345mm	28kg
LRT-3KC	350mm	430mm	765mm	80kg

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ADC253LS-GN	15	ARBV8T	6	BC76	25	CT203T	9	CT504T	9
ADC253LS-GR	15	ARC14	6	BC8	25	CT253	9	CT506	9
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AFG-1012	41	B1630	22	CC50	29	CT256LS-BW	9	CTJC50T	20
AFG-1013	41	B1815	22	CC8	12	CT256LS-GN	9	CTJC70	20
AFG-1014	41	B1818	22	CC8P	12	CT256LS-GR	9	CTJC70T	20
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MP17	5	OHCC10T	17	SCC150P	12	SQC185T	20
NE001	22	OHCC8	17	SCC16	12	SSE1612	21
NE002	22	OHCC8A	17	SCC16P	12	SSE1615	21
NE003	22	OHCC8T	17	SCC185	12	SSE2012	21
NE004	22	OS12514	23	SCC185P	12	SSE2015	21
NE005	22	OS12518	23	SCC240	12	SST253	11
NE101	22	OS12524	23	SCC240P	12	SST256	11
NE102	22	PF10	7	SCC25	12	SST283	11
NE103	22	PF10A	7	SCC25P	12	TC50	25
NE104	22	PF10T	7	SCC300	12	TC70	25
NE105	22	RBC204	19	SCC300P	12	TEC120	28
NE1615	22	RBC204T	19	SCC35	12	TEC16	28
NE1618	22	RBC820	19	SCC35P	12	TEC16T	28
NE1624	22	RBC820T	19	SCC50	12	TEC185	28
NE1630	22	RCC12	24	SCC50P	12	TEC25	28
NE1815	22	RCC16	24	SCC70	12	TEC25T	28
NE1818	22	RCC20	24	SCC70P	12	TEC70	28
NE1824	22	RCC25	24	SCC95	12	TEC70T	28
NE1830	22	RCC9	24	SCC95P	12	TGW-1	
NE201	22	RCLC16	25	SCE1412	21	UC301	26
NE2015	22	RCLC16S	25	SCE1415	21	UC302	26
NE2018	22	RCLC20	25	SCE1612	21	UC303	26
NE202	22	RCLC20S	25	SCE1615	21	UC304	26
NE2024	22	RCLC9	25	SCE2012	21	UC305	26
NE203	22	RES1	32	SCE2015	21	UC306	26
NE2030	22	RTC10	24	SCE2512	21	UC307	26
NE204	22	RTC30	24	SCE2515	21	UC308	26
NE205	22	RTC40	24	SCS8	20	UC309	26
NE2215	22	RTC50	24	SCS8A	20	UC310	26
NE2218	22	RTC60	24	SCS8T	20	WPS-1A	31
NE2224	22	RTCC14	7	SCSC06	13	WPS-1B	31
NE2230	22	RTCC14A	7	SCSC120	13	WPS-3	31
NE2515	22	RTCC14T	7	SCSC150	13		
NE2518	22	RTCC50	7	SCSC16	13		
NE2524	22	RTCC70	7	SCSC185	13		
NE2530	22	RTCC95	7	SCSC240	13		
NE301	22	RWP26	28	SCSC25	13		
NE302	22	RWP26A	28	SCSC35	13		
NE303	22	SC253	16	SCSC50	13		
NE304	22	SC253A	16	SCSC70	13		
NE305	22	SC253SS	16	SCSC95	13		
NE401	22	SC253T	16	SER10	29		
NE402	22	SC256	16	SER20	29		
NE403	22	SC256A	16	SP10W	7		
NE404	22	SC256SS	16	SP10WA	7		
NE405	22	SC256T	16	SP10WT	7		
NEG1618	23	SC283SS	16	SPWS10	7		
NEG1624	23	SC313	16	SPWS10A	7		
NEG1630	23	SC313T	16	SPWS10T	7		
NEG2018	23	SC316	16	SQC50	20		
NEG2024	23	SC316T	16	SQC50T	20		
NEG2030	23	SC386	16	SQC70	20		
NEG2518	23	SC386T	16	SQC70T	20		
NEG2524	23	SC506	16	SQC95	20		
NEG2530	23	SC506T	16	SQC95T	20		



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