



Grounding, Lightning



Conduit & Fitting



Explosion Protected



Wiring Accessories



Sockets, Boxes



Lightings



CATALOGUE



TCVN 9385:2012
www.anphuc.vn

ABOUT US

OUR VISION

To be the supplier of choice of our customers and be their partner in their business needs.

OUR MISSION

To distribute high-quality products with a continued commitment to customers' and employees' satisfaction, thereby guaranteeing continuous company growth.

OUR CORE VALUES - *Because we CARE!*

Commitment - We do what we say and we own what we do.

Adaptability - We adapt to change or perish in a changing world.

Respect - We know it's nice to be important but it's important to be nice.

Enthusiasm - We love our work and we work with love.

OUR STORY

An Phuc Mechanical Electrical Equipment Company Limited, a Trading & Manufacturing Company with wide distribution network in Viet Nam market and exporting to other countries in the world.

Established in the year 2002, we have a Head office located in Ho Chi Minh City and Factory in Tay Ninh province.

With many year experiences in providing industrial electrical equipments, we become a leading Distributor and Manufacturer of high quality products ranges & famous brands as mentioned below:

- Steel & PVC conduits	: An Phuc, Smartube, Unipipe, Blue Eagle
- Clamping & Conduit fitting	: An Phuc, Caddy,, Steel City
- CableTray, Trunking, Ladder	: An Phuc, Unipipe
- Lightning & Grounding systems	: An Phuc, Kumwell, Hex
- Lighting Fixture, Socket Outlet, Switch	: Legrand, Gewiss
- Explosion proof equipment	: Govan, Gewiss, Bosston, CMP, Feel
- Fire resistant cable, Electric wires	: TMC, Untel, Wilson, Draka
- Wiring Accessories	: An Phuc, PB, KSS, Hex

All products are tested by the International recognized testing stations, according to Standards of IEC, UL, BSEN, ATEX, JIS, TIS... Especially, for hazardous areas certified Zone 1 & 2, 21 & 22 Such as: IEC 60079 (ATEX), IEC 06679-1, IEC 60079-15, IEC 61241-0, EC 61241-1. Providing for Oil & Gas, Chemical, Marine, Cement and other Industrial Projects, An Phuc always commit to provide you our products with the best quality, best prices and best services through an ongoing commitment to development. This has made An Phuc successfully and reputed in the market of Viet Nam.

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AN PHUC GROUNDING & LIGHTNING CATALOGUE
• Copper- Bonded Ground Rod Standard Type


Code	Rod Φ (mm)	Length (mm)
BR1224	12.7	2400
BR1230	12.7	3000
BR1424	14.2	2400
BR1430	14.2	3000
BR1724	17.2	2400
BR1730	17.2	3000
BR2324	23.1	2400
BR2330	23.1	3000

Code	Rod Φ (mm)	Length (mm)
BR1624	16	2400
BR1630	16	3000
BR1824	18	2400
BR1830	18	3000
BR2024	20	2400
BR2030	20	3000
BR2424	24	2400
BR2430	24	3000

Special size can be requested.

• Copper- Bonded Ground Rod Threaded Type


Code	Rod Φ (mm)	Length (mm)
BRT1224	12.7	2400
BRT1230	12.7	3000
BRT1424	14.2	2400
BRT1430	14.2	3000
BRT1724	17.2	2400
BRT1730	17.2	3000
BRT2324	23.1	2400
BRT2330	23.1	3000

Code	Rod Φ (mm)	Length (mm)
BRT1624	16	2400
BRT1630	16	3000
BRT1824	18	2400
BRT1830	18	3000
BRT2024	20	2400
BRT2030	20	3000
BRT2424	24	2400
BRT2430	24	3000

Special size can be requested.

AN PHUC GROUNDING & LIGHTNING CATALOGUE

• **Threaded Coupling - Brass**



Code	Rod Φ (mm)	Length (mm)
TCO12	12.7	64
TCO58	14.2	64
TCO34	17.2	70
TCO1	23.1	90
TCO16	16	70
TCO18	18	90
TCO20	20	90
TCO24	24	90

• **Threaded Driving Head - Steel**



Code	Rod Φ (mm)
TDH12	12.7
TDH58	14.2
TDH34	17.2
TDH1	23.1
TDH16	16
TDH18	18
TDH20	20
TDH24	24

• **Standard Driving Head - Steel**



Code	Rod Φ (mm)
DHS12	12.7
DHS58	14.2
DHS34	17.2
DHS1	23.1
DHS16	16
DHS18	18
DHS20	20
DHS24	24

• **Threaded Tip - Steel**



Code	Rod Φ (mm)
TTB12	12.7
TTB58	14.2
TTB34	17.2
TTB1	23.1
TTB16	16
TTB18	18
TTB20	20
TTB24	24

AN PHUC GROUNDING & LIGHTNING CATALOGUE
● Ground Rod Brass Copper


Code	Rod Φ (mm)	Length (mm)
BCR1610	16	1000
BCR1615	16	1500
BCR1620	16	2000
BCR1624	16	2400
BCR1630	16	3000
BCR2010	20	1000
BCR2015	20	1500
BCR2020	20	2000
BCR2024	20	2400
BCR2030	20	3000

Special size can be requested.

● Ground Rod Solid Copper


Code	Rod Φ (mm)	Length (mm)
SCR1610	16	1000
SCR1615	16	1500
SCR1620	16	2000
SCR1624	16	2400
SCR1630	16	3000
SCR2010	20	1000
SCR2015	20	1500
SCR2020	20	2000
SCR2024	20	2400
SCR2030	20	3000

Special size can be requested.

● Ground Rod Stainless Steel


Code	Rod Φ (mm)	Length (mm)
SSR1610	16	1000
SSR1615	16	1500
SSR1620	16	2000
SSR1624	16	2400
SSR1630	16	3000
SSR2010	20	1000
SSR2015	20	1500
SSR2020	20	2000
SSR2024	20	2400
SSR2030	20	3000

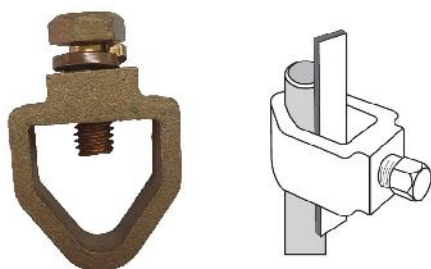
Special size can be requested.

● Spike- Steel


Code	Rod Φ (mm)
SFS16	16
SFS20	20

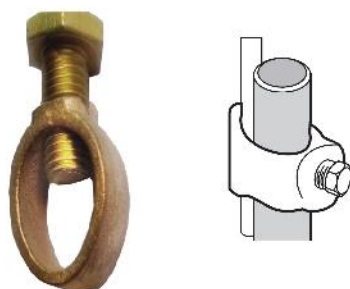
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● **Ground Rod Copper Tape Clamp - Copper Alloy**



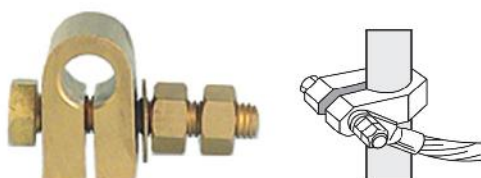
Code	Rod Φ (mm)	Max. Tape Size (mm)
RT127-2512	12.7	25 x 12
RT127-2620	12.7	26 x 20
RT142-2512	14.2	25 x 12
RT142-2618	14.2	26 x 18
RT142-302	14.2	30 x 2
RT142-4012	14.2	40 x 12
RT142-518	14.2	51 x 8
RT172-2510	17.2	25 x 10
RT172-2610	17.2	26 x 10
RT172-302	17.2	30 x 2
RT172-5112	17.2	51 x 12
RT231-2610	23.1	26 x 10

● **Ground Clamp Connectors Cable to Rod - Copper Alloy**



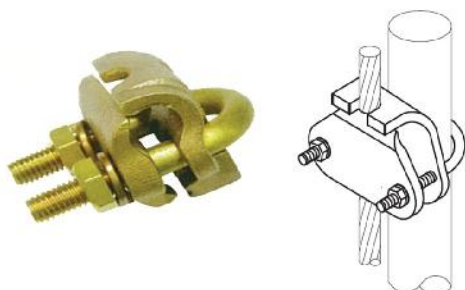
Code	Rod Φ (mm)	Cable Size (mm²)
RC95-35	9.5	6 - 35
RC127-50	12.7	16 - 50
RC142-70	14.2	16 - 70
RC172-95	17.2	35 - 95
RC231-120	23.1	70 - 120

● **Rod to Cable Lug Clamp - Copper Alloy**



Code	Rod Φ (mm)
RL127	12.7
RL142	14.2
RL172	17.2
RL231	32.1

● **Ground Rod to Cable Clamp - Copper Alloy**

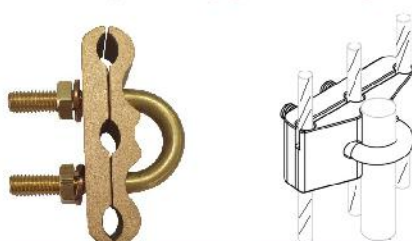


Code	Rod Φ (mm)	Cable Size (mm²)
RCCC142-95	14.2	16 - 95
RCCC142-185	14.2	70 - 185
RCCC142-300	14.2	150 - 300
RCCC172-70	17.2	16 - 70
RCCC172-150	17.2	70 - 150
RCCC172-300	17.2	150 - 300
RCCC231-70	23.1	16 - 70
RCCC231-150	23.1	70 - 150
RCCC231-300	23.1	150 - 300

AN PHUC GROUNDING & LIGHTNING CATALOGUE
• Ground Rod to Cable Clamp - Copper Alloy

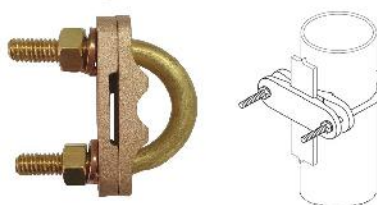

Code	Rod Φ (mm)	Cable Size (mm ²)
RCC127-25	12.7	10 - 25
RCC127-70	12.7	35 - 70
RCC142-95	14.2	16 - 95
RCC142-185	14.2	70 - 185
RCC142-300	14.2	150 - 300
RCC172-70	17.2	16 - 70

Code	Rod Φ (mm)	Cable Size (mm ²)
RCC172-150	17.2	70 - 150
RCC172-300	17.2	150 - 300
RCC231-70	23.1	16 - 70
RCC231-150	23.1	70 - 150
RCC231-300	23.1	150 - 300

• Rod or Pipe to Three Cable Clamp - Copper Alloy


Code	Conductor O.D Range (mm)	Cable Size (mm ²)
RCTH127-70	12.7	25 - 70
RCTH127-120	12.7	95 - 120
RCTH172-70	15.9 - 19.1	25 - 70
RCTH172-120	15.9 - 19.1	95 - 120
RCTH172-240	15.9 - 19.1	150 - 240
RCTH231-70	23.1	25 - 70
RCTH231-120	23.1	95 - 120
RCTH231-240	23.1	150 - 240
RCTH25-70	34.2	25 - 70

Code	Conductor O.D Range (mm)	Cable Size (mm ²)
RCTH25-120	34.2	95 - 120
RCTH40-70	42.9 - 48.8	25 - 70
RCTH40-120	42.9 - 48.8	95 - 120
RCTH50-70	60.8	25 - 70
RCTH50-120	60.8	95 - 120
RCTH65-70	76.6	25 - 70
RCTH65-120	76.6	95 - 120
RCTH80-70	89.5	25 - 70
RCTH80-120	89.5	95 - 120

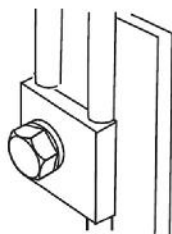
• U- Bolt Rod Clamp - Copper Alloy


Code	Rod Φ (mm)	Tap Size (mm)
UBRC16-253	16	25 x 3
UBRC16-254	16	25 x 4
UBRC16-256	16	25 x 6
UBRC20-253	20	25 x 3
UBRC20-254	20	25 x 4
UBRC20-256	20	25 x 6
UBRC25-253	25	25 x 3
UBRC25-254	25	25 x 4
UBRC25-256	25	25 x 6

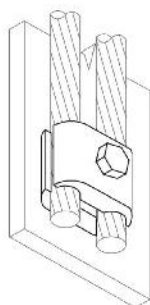
Code	Rod Φ (mm)	Tap Size (mm)
UBRC31-253	31	25 x 3
UBRC31-254	31	25 x 4
UBRC31-256	31	25 x 6
UBRC38-253	38	25 x 3
UBRC38-254	38	25 x 4
UBRC38-256	38	25 x 6
UBRC50-253	50	25 x 3
UBRC50-254	50	25 x 4
UBRC50-256	50	25 x 6

AN PHUC GROUNDING & LIGHTNING CATALOGUE

● **Ground Clamping Two Cable to Flat Bar - Copper Alloy**



Code	Cable Size (mm ²)	Bolt Size (inch)
CCTFB-G1	25 - 50	3/8 x 1 1/2
CCTFB-G2	70 - 120	1/2 x 2
CCTFB-G3	150 - 240	1/2 x 2



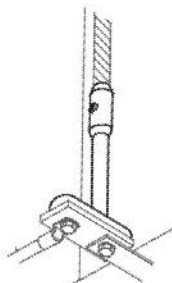
Code	Cable Size (mm ²)	Bolt Size (inch)
CCTFB-G1P	25 - 50	3/8 x 1 1/2
CCTFB-G2P	70 - 120	1/2 x 2
CCTFB-G3P	150 - 240	1/2 x 2

● **Earth Point - Copper Alloy**



Code	Hole	Stud LxWxH (in)
AXEP120(1)	1	55 x Φ50
AXEP120(2)	2	76 x 82.5 x 41
AXEP120(4)	3	76 x 82.5 x 82.5

● **Earth Point with Prewelding - Copper Alloy**



Code	Hole	Cable	
		Cable Size (mm ²)	Length (mm)
AXEP1201-50	1	70	500
AXEP1201-100	1	70	1000
AXEP1202-50	2	70	500
AXEP1202-100	2	70	1000
AXEP1204-50	4	70	500
AXEP1204-100	4	70	1000

Special Cable Size and Length Cable can be requested.

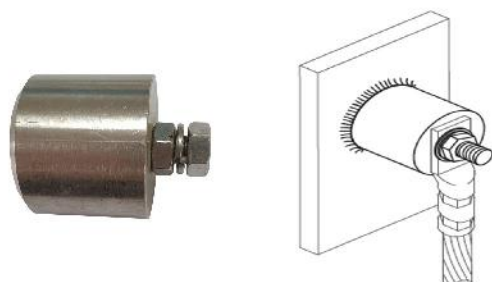
AN PHUC GROUNDING & LIGHTNING CATALOGUE

• **Ground Clamp**



Code	Cable Size (mm ²)
Copper Alloy	
GC-A	95 - 120
GC-B	150 - 185
GC-C	240 - 300
Aluminium Alloy	
GCA-A	95 - 120
GCA-B	150 - 185
GCA-C	240 - 300

• **Earth Boss**



Code	Diameter (Φ) (mm)	L (mm)	Stud Size
Stainless Steel 304			
EB	50	45	M10
Mild Steel			
EB-MS	50.8	45	M10

• **Connector Screw Type - Copper Alloy**



Code	Cable Size (mm ²)		Bolt Size (inch)
	Run	Tap	
CST16-35	16 - 35	4 - 35	1/4 x 1
CST50-70	50 - 70	4 - 70	1/4 x 1 1/2
CST95-120	95 - 120	4 - 120	5/16 x 1 1/2
CST150-185	150 - 185	4 - 185	3/2 x 2

AN PHUC GROUNDING & LIGHTNING CATALOGUE

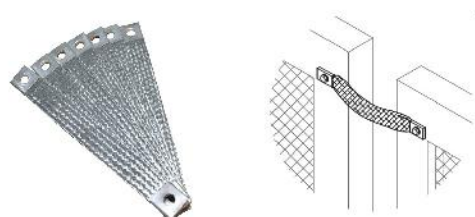
• Copper Braid with Tinned (Roll Type)



Code	Width (mm)	Thin (mm)	Weight per Mtr (kg)
LZFCB1514	15	1.4	0.12
LZFCB1620	16	2.0	0.12
LZFCB2030	20	3.0	0.20
LZFCB2530	25	3.0	0.28
LZFCB4032	40	3.2	0.68

Special Size and Length can be requested.

• Flexible Copper Braid Bond with Tinned (1Hole)

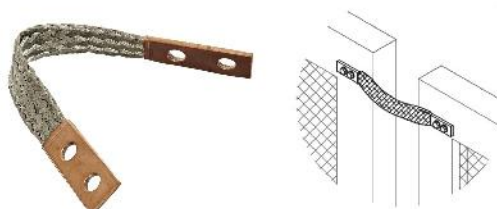


Code	Amp Rating (A)	Length (mm)	Cross Section (mm²)
FCBB502001*	200	200	50
FCBB503001*	200	300	50
FCBB504001*	200	400	50

*: Size Cable Lugs

Special Size and Length can be requested.

• Flexible Copper Braid Bond with Tinned (2Holes)

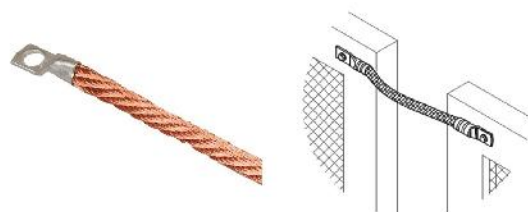


Code	Amp Rating (A)	Length (mm)	Cross Section (mm²)
FCBBT25350*	125	350	25
FCBBT35350*	150	350	35
FCBBT50350*	200	350	50
FCBBT70350*	250	350	70
FCBBT95350*	300	350	95
FCBBT120350*	360	350	120
KGFCBBT39533*	700	386	150

*: Size Cable Lugs

Special Size and Length can be requested.

• Copper Braid with Tinned (Round Type)



Code	Amp Rating (A)	Length (mm)	Cross Section (mm²)
CBT20350*	480	350	150
CBT201000*	480	1000	150

*: Size Cable Lugs

Special Size and Length can be requested.

• Stranded Copper Conductor PVC Cover (Round Type)



Code	Cable Size (mm²)	Length (mm)	*: Hole (mm)
PCBT10350*	10	350	6-8
PCBT16350*	16	350	6-8
PCBT25350*	25	350	8-10
PCBT35-350*	35	350	8-10

Special Size and Length can be requested.

AN PHUC GROUNDING & LIGHTNING CATALOGUE
● Grounding Test Box


Code	Connection	Lug Size (mm ²)	Dimensions (mm)	Box Material
ATB-CC	Copper-Copper	50 - 120	178x156x75	Aluminium
ATB-AC	Aluminum-Copper	50 - 120	178x156x75	Aluminium
S4TB-CC	Copper-Copper	50 - 120	178x156x75	Stainless Steel 304
HTB-CC	Copper-Copper	50 - 120	178x156x75	Hot Dip Galvanized
PCTB-CC	Copper-Copper	50 - 120	178x156x75	Powder Coated
PTB-CC	Copper-Copper	50 - 120	200x150x100	PVC
PTB-AC	Aluminum-Copper	50 - 120	200x150x100	PVC

Special Size Box can be requested.

● Ground Bar Without Disconnecting Link - Tinned Copper


Code	No. of Terminals	Dimensions (mm)	
		L	W - H
GBWDL-40	4	300	90
GBWDL-60	6	400	90
GBWDL-80	8	500	90
GBWDL-100	10	650	90
GBWDL-120	12	750	90
GBWDL-140	14	850	90
GBWDL-160	16	950	90
GBWDL-180	18	1050	90
GBWDL-200	20	1200	90
GBWDL-220	22	1300	90
GBWDL-240	24	1400	90
GBWDL-260	26	1500	90
GBWDL-280	28	1600	90
GBWDL-300	30	1700	90

Bolt M8- Stainless Steel. Copper Bar 50x6mm

Special Size Box can be requested.

● Disconnecting Link - Tinned Copper


Code	Dimensions (mm)		
	L	W	H
DL253	125	90	90

Bolt M8- Stainless Steel. Copper Bar 50x6mm

AN PHUC GROUNDING & LIGHTNING CATALOGUE
● Ground Bar Single Disconnecting Link - Copper/ Tinned Copper


Code	No. of Terminals	Dimensions (mm)	
		L	W - H
GBSDL-41	4	375	90
GBSDL-61	6	475	90
GBSDL-81	8	575	90
GBSDL-101	10	725	90
GBSDL-121	12	825	90
GBSDL-141	14	925	90
GBSDL-161	16	1025	90
GBSDL-181	18	1125	90
GBSDL-201	20	1275	90
GBSDL-221	22	1375	90
GBSDL-241	24	1475	90
GBSDL-261	26	1575	90
GBSDL-281	28	1675	90
GBSDL-301	30	1775	90

Bolt M8- Stainless Steel. Copper Bar 50x6mm
Special Size and Length can be requested.

● Ground Bar Twin Disconnecting Link - Copper/ Tinned Copper

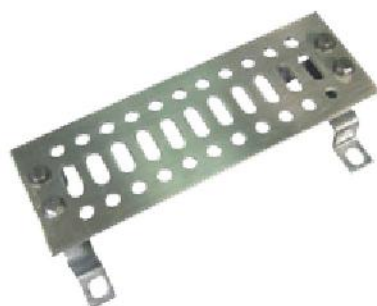

Code	No. of Terminals	Dimensions (mm)	
		L	W - H
GBTDL-42	4	450	90
GBTDL-62	6	550	90
GBTDL-82	8	575	90
GBTDL-102	10	650	90
GBTDL-122	12	800	90
GBTDL-142	14	900	90
GBTDL-162	16	1000	90
GBTDL-182	18	1100	90
GBTDL-202	20	1200	90
GBTDL-222	22	1350	90
GBTDL-242	24	1450	90
GBTDL-262	26	1550	90
GBTDL-282	28	1650	90
GBTDL-302	30	1850	90

Bolt M8- Stainless Steel. Copper Bar 50x6mm
Special Size and Length can be requested.

AN PHUC GROUNDING & LIGHTNING CATALOGUE
● Ground Station for Power - Copper/ Tinned Copper

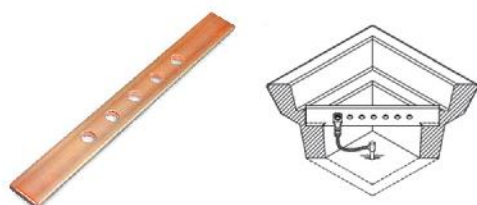

Code	No. of Hole	Busbar (mm)	Dimensions (mm)
			W - L - H
GSFB-6	6	50x350x6	148x350x70
GSFB-8	8	50x440x 6	148x440x70
GSFB-12	12	50x610x6	148x610x70
GSFB-6D	12	100x350x6	148x350x70
GSFB-8D	16	100x440x6	148x440x70
GSFB-12D	24	100x610x6	148x610x70

Special Size and Length can be requested.

● Ground Station for Communication - Copper/ Tinned Copper


Code	No. of Hole	Busbar (mm)	Dimensions (mm)
			W - L - H
GSFC-200	6	100x200x6	148x200x70
GSFC-300	11	100x300x6	148x300x70
GSFC-400	15	100x400x6	148x400x70
GSFC-450	18	100x450x6	148x450x70
GSFC-600	24	100x600x6	148x600x70

Special Size and Length can be requested.

● Ground Bar Pit- Copper/ Tinned Copper


Code	No. of Terminals	Φ Hole (mm)	Size (mm)
GBP2505	5	10	25x250x6
GBP2507	7	10	25x250x6
GBP2505T	5	10	25x250x6
GBP2507T	7	10	25x250x6

Special Size and Length can be requested.

AN PHUC GROUNDING & LIGHTNING CATALOGUE

● Blunt End Air Terminals - Copper



Code	Rod Length (L) (mm)	Rod Diameter Φ (mm)	Weight (kg)
CAT-58-30	300	16	0.50
CAT-58-50	500	16	0.80
CAT-58-60	600	16	0.96
CAT-58-100	1000	16	1.60
CAT-58-150	1500	16	2.40
CAT-58-200	2000	16	3.20
CAT-34-30	300	20	0.75
CAT-34-50	500	20	1.20
CAT-34-60	600	20	1.51
CAT-34-100	1000	20	2.50
CAT-34-150	1500	20	3.80
CAT-34-200	2000	20	5.00

Special Size and Length can be requested.

● Blunt End Air Terminals- Tin Plated Copper



Code	Rod Length (L) (mm)	Rod Diameter Φ (mm)	Weight (kg)
CAT-58-30T	300	16	0.50
CAT-58-50T	500	16	0.80
CAT-58-60T	600	16	0.96
CAT-58-100T	1000	16	1.60
CAT-58-150T	1500	16	2.40
CAT-58-200T	2000	16	3.20
CAT-34-30T	300	20	0.75
CAT-34-50T	500	20	1.20
CAT-34-60T	600	20	1.51
CAT-34-100T	1000	20	2.50
CAT-34-150T	1500	20	3.80
CAT-34-200T	2000	20	5.00

Special Size and Length can be requested.

● Blunt End Air Terminals- Aluminum



Code	Rod Length (L) (mm)	Rod Diameter Φ (mm)	Weight (kg)
AT-58-30A	300	16	0.16
AT-58-50A	500	16	0.27
AT-58-60A	600	16	0.33
AT-58-100A	1000	16	0.55
AT-58-150A	1500	16	0.82
AT-58-200A	2000	16	1.10

Special Size and Length can be requested.

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• **Multi Point Air Terminal**



Code	Diameter Φ (mm)	Material	Weight (kg)
MPAT58	16	Copper	0.36
MPAT34	20	Copper	0.36

• **Elevation Terminals for Multi Point Air Terminal**



Code	Diameter Φ (mm)	Material	Weight (kg)
EMAT16-30	16	Copper	0.50
EMAT16-50	16	Copper	0.80
EMAT16-60	16	Copper	0.96
EMAT20-30	20	Copper	0.75
EMAT20-50	20	Copper	1.27
EMAT20-60	20	Copper	1.51

Special Size and Length can be requested.

• **Air Terminal Bracket**



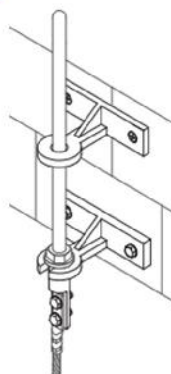
GABT



GABB



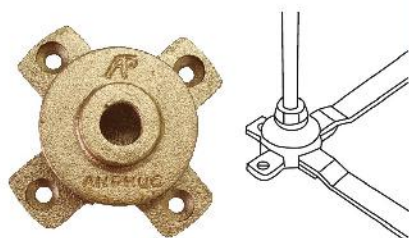
PAF



Code	Rod Diameter Φ (mm)	Material	Weight (kg)
GABT-C	16; 20	Copper Alloy	0.85
GABB-C	15.19	Copper Alloy	0.90
PAF-C	15.19	Copper Alloy	0.25
GABT-CA	15.19	Aluminum Alloy	0.26
GABB-CA	15.19	Aluminum Alloy	0.27
PAF-CA	15.19	Aluminum Alloy	0.12

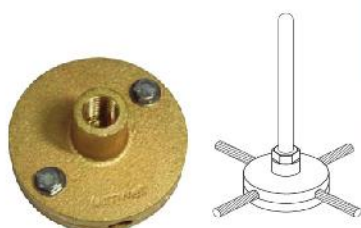
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• **Tape Saddle**



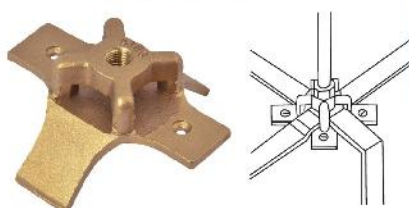
Code	Thread Size (mm)	Maximum Conductor width	Material	Weight (kg)
TAS58	16	25x2 ; 25x3 ; 25x4	Copper Alloy	0.460
TAS34	20	25x2 ; 25x3 ; 25x4	Copper Alloy	0.440
TAS58T	16	25x2 ; 25x3 ; 25x4	Tinned Copper Alloy	0.460
TAS34T	20	25x2 ; 25x3 ; 25x4	Tinned Copper Alloy	0.440
TAS58A	16	25x3 ; 25x4	Aluminum Alloy	0.134
TAS34A	20	25x3 ; 25x4	Aluminum Alloy	0.132

• **Round Saddle**



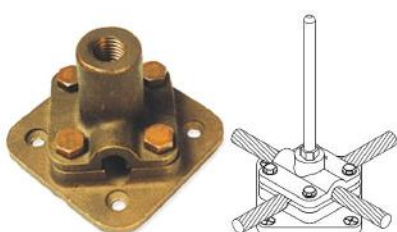
Code	Thread Size (mm)	Cable Size (mm²)	Material	Weight (kg)
ROS58	16	50 - 70	Copper Alloy	0.60
ROS34	20	50 - 70	Copper Alloy	0.60
ROS58-C120	16	95 - 120	Copper Alloy	0.74
ROS34-C120	20	95 - 120	Copper Alloy	0.74

• **Ridge Saddle**



Code	Thread Size (mm)	Maximum Conductor width (mm)	Material	Weight (kg)
RIS58	16	31	Copper Alloy	0.60
RIS34	20	31	Copper Alloy	0.58

• **Double Base Saddle**



Code	Thread Size (mm)	Maximum Conductor width (mm)	Material	Weight (kg)
DBS58	16	50 - 70	Copper Alloy	0.66
DBS34	20	50 - 70	Copper Alloy	0.66
DBS58-C120	16	95 - 120	Copper Alloy	0.69
DBS34-C120	20	95 - 120	Copper Alloy	0.69

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• Cross Cable Saddle



Code	Thread Size (mm)	Cable Size (mm ²)	Material	Weight (kg)
CRCS 58	16	35 - 70	Copper Alloy	0.95
CRCS 34	20	35 - 70	Copper Alloy	0.95

• Adjustable Saddle for Cable



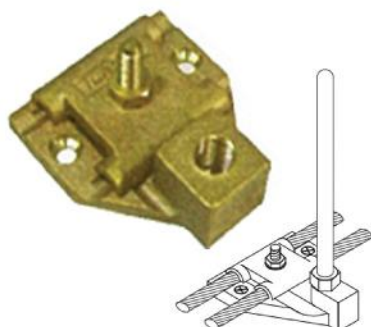
Code	Thread Size (mm)	Cable Size (mm ²)	Material	Weight (kg)
ADSC58	16	50 - 70	Copper Alloy	0.72
ADSC34	20	50 - 70	Copper Alloy	0.72
ADSC58-C120	16	95 - 120	Copper Alloy	0.73
ADSC34-C120	20	95 - 120	Copper Alloy	0.73

• Adjustable Saddle for Tape



Code	Thread Size (mm)	Tap Size (mm)	Material	Weight (kg)
ADST58-253	16	25 x 3	Copper Alloy	0.81
ADST34-253	20	25 x 3	Copper Alloy	0.81
ADST58-254	16	25 x 4	Copper Alloy	0.81
ADST34-254	20	25 x 4	Copper Alloy	0.81
ADST58-253A	16	25 x 3	Aluminum alloy	0.25
ADST34-253A	20	25 x 3	Aluminum alloy	0.25
ADST58-254A	16	25 x 4	Aluminum alloy	0.25
ADST34-254A	20	25 x 4	Aluminum alloy	0.25

• Floor Saddle



Code	Thread Size (mm)	Cable Size (mm ²)	Material	Weight (kg)
FRS58	16	50 - 70	Copper Alloy	0.58
FRS34	20	50 - 70	Copper Alloy	0.8
FRS58C-95	16	95	Copper Alloy	0.54
FRS34C-95	20	95	Copper Alloy	0.54

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• Cable Support



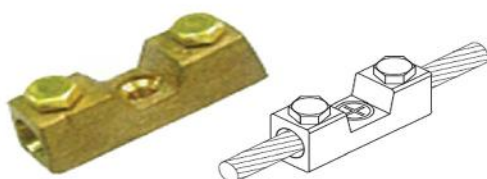
Code	Cable Size (mm ²)	Material	Weight (kg)
CAS25-35	25 - 35	Copper Alloy	0.06
CAS50-70	50 - 70	Copper Alloy	0.06
CAS95-120	95 - 120	Copper Alloy	0.08
CAS150-185	150 - 185	Copper Alloy	0.11
CAS240-300	240 - 300	Copper Alloy	0.17
CAS25-35A	25 - 35	Aluminum Alloy	0.02
CAS50-70A	50 - 70	Aluminum Alloy	0.02

• Cable Cross Clamp



Code	Cable Size (mm ²)	Material	Weight (kg)
CAC35-70	70	Copper Alloy	0.06
CAC95-120	95 - 120	Copper Alloy	0.06
CAC150-240	150 - 120	Copper Alloy	0.08

• Cable Test Connector



Code	Cable Size (mm ²)	Material	Weight (kg)
CATC-35-120	35 - 120	Copper Alloy	0.192
CATC-35-120A	35 - 120	Aluminum Alloy	0.058

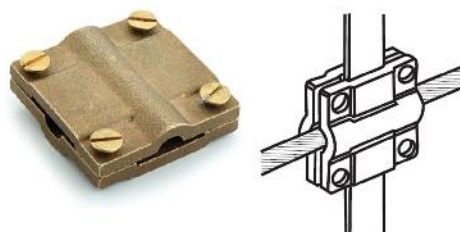
• Tee Clamp



Code	Cable Size (mm ²)	Material
TEC-A	50 - 70	Copper Alloy
TEC-B	95 - 120	Copper Alloy
TEC-C	150 - 240	Copper Alloy

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● **Cable to Tape**



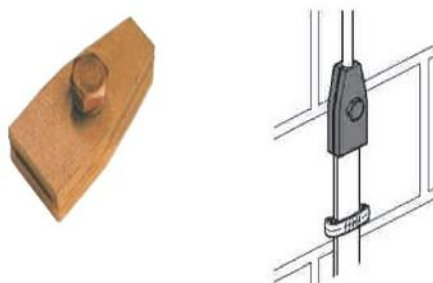
Code	Cable Size (mm ²)	Tap Size (mm)	Material
CTT70-253	35 - 70	25 x 3	Copper Alloy
CTT120-253	95 - 120	25 x 3	Copper Alloy
CTT70-254	35 - 70	25 x 4	Copper Alloy
CTT120-254	95 - 120	25 x 4	Copper Alloy
CTT70-256	35 - 70	25 x 6	Copper Alloy
CTT120-256	95 - 120	25 x 6	Copper Alloy

● **One Hole Cable Grip**



Code	Cable Size (mm ²)	Material	Weight/100 (kg)
OHCG-25-35	25 - 35	Copper	1.2
OHCG-50-70	50 - 70	Copper	1.4
OHCG-95-120	95 - 120	Copper	2.5
OHCG-150-185	150 - 185	Copper	2.9
OHCG-240-300	240 - 300	Copper	9.0

● **Cable - Tape Test Connector**



Code	Conductor Size (Sq mm ²)	Tape Size (mm)	Material
CTTC-70253	70	25 x 3	Copper Alloy
CTTC-95253	95	25 x 3	Copper Alloy
CTTC-120253	120	25 x 3	Copper Alloy

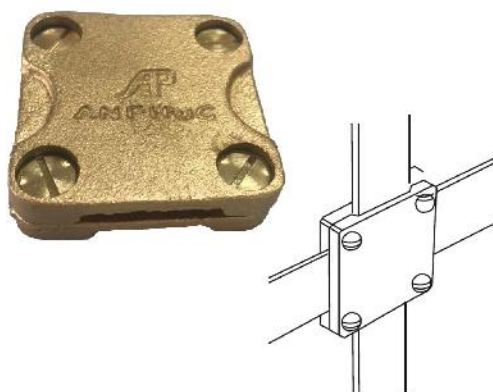
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• Tape Support



Code	Tape Size (mm)	Material	Weight (kg)
TAS-253	25 x 3	Copper Alloy	0.067
TAS-254	25 x 4	Copper Alloy	0.071
TAS-256	25 x 6	Copper Alloy	0.076
TAS-253P	25 x 3	Copper Alloy	0.094
TAS-256P	25 x 6	Copper Alloy	0.098
TAS-304	30 x 4	Copper Alloy	0.087
TAS-305	30 x 5	Copper Alloy	0.090
TAS-403	40 x 3	Copper Alloy	0.112
TAS-404	40 x 4	Copper Alloy	0.116
TAS-405	40 x 5	Copper Alloy	0.121
TAS-503	50 x 3	Copper Alloy	0.117
TAS-506	50 x 6	Copper Alloy	0.127
TAS-253A	25 x 3	Aluminum alloy	0.021
TAS-254A	25 x 4	Aluminum alloy	0.027
TAS-256A	25 x 6	Aluminum alloy	0.029

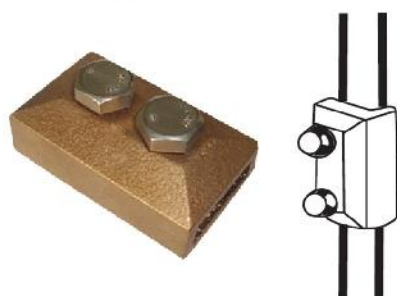
• Square Tape Support



Code	Tape Size (mm)	Material	Weight (kg)
SQTS-253	25 x 3	Copper Alloy	0.150
SQTS-254	25 x 4	Copper Alloy	0.172
SQTS-256	25 x 6	Copper Alloy	0.216
SQTS-304	30 x 4	Copper Alloy	0.261
SQTS-305	30 x 5	Copper Alloy	0.295
SQTS-324	32 x 4	Copper Alloy	0.245
SQTS-325	32 x 5	Copper Alloy	0.276
SQTS-403	40 x 3	Copper Alloy	0.341
SQTS-404	40 x 4	Copper Alloy	0.381
SQTS-405	40 x 5	Copper Alloy	0.423
SQTS-503	50 x 3	Copper Alloy	0.412
SQTS-506	50 x 6	Copper Alloy	0.561
SQTS-253A	25 x 3	Aluminum alloy	0.045
SQTS-254A	25 x 4	Aluminum alloy	0.052
SQTS-256A	25 x 6	Aluminum alloy	0.065

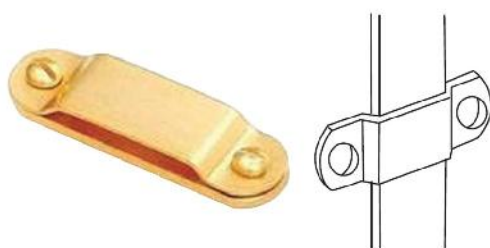
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• **Tape Test Connector**



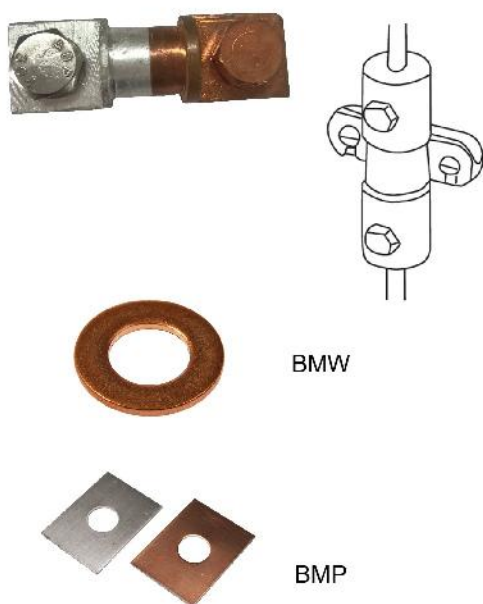
Code	Maximum Tape Size (mm)	Material	Weight (kg)
TTC-256	26 x 8	Copper Alloy	0.236
TTC-506	51 x 8	Copper Alloy	0.425
TTC-256A	26 x 8	Copper Alloy	0.072
TTC-506A	51 x 8	Copper Alloy	0.128

• **Tape Clip**



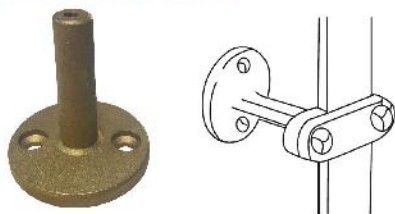
Code	Tape Size (mm)	Material	Weight/100 (kg)
TPC203	20 x 3	Copper	1.25
TPC253	25 x 3	Copper	1.34
TPC254	25 x 4	Copper	1.38
TPC256	25 x 6	Copper	1.40
TPC303	30 x 3	Copper	1.35
TPC304	30 x 4	Copper	1.57
TPC306	30 x 6	Copper	1.60
TPC506	50 x 6	Copper	3.55

• **Bi-Metallic Connector**

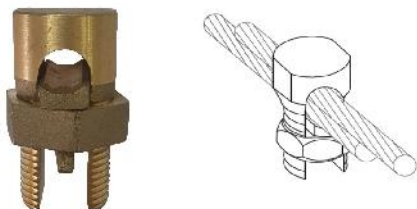


Code	Connection Length (mm)	Material	Weight(kg)
BMC	80	Copper/Aluminum	0.18

Code	Dimension (mm)	Hole Size (mm)	Weight/100 (kg)
Washer			
BMW-6	30 x 2	7	0.46
BMW-8	30 x 2	9	0.45
BMW-10	30 x 2	11	0.45
BMW-12	30 x 2	14	0.44
BMW-16	30 x 2	18	0.44
Plate			
BMP-6	55 x 36 x 2	7	0.68
BMP-8	55 x 36 x 2	9	0.68
BMP-10	55 x 36 x 2	11	0.68
BMP-12	55 x 36 x 2	14	0.68
BMP-16	55 x 36 x 2	18	0.68

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• Back Plate Holdfast


Code	Diameter (mm)	Material	Weight (kg)
BPH-C	63	Copper Alloy	0.26
BPH-A	68	Aluminum Alloy	0.08

• Split Bolt - Copper Alloy


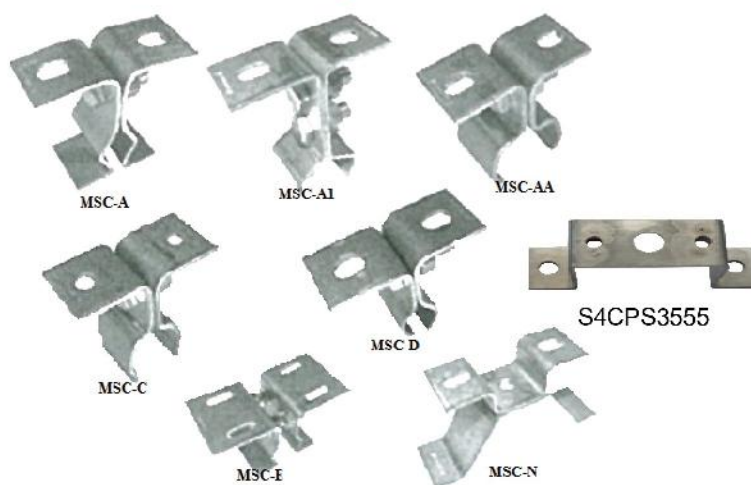
Code	Cable Size (mm ²)		Weight (kg)
	Run	Tape	
SB-2/0	2/0 AWG	2/0 AWG	0.10

• Beam Clamp


Code	Diameter (mm)	Material	Weight (kg)
BC-35-120	35-120	Copper Alloy	0.51
BC-150-240	150-240	Copper Alloy	0.87

• Insulator Support - ABS


Code	Color	Weight/100 (kg)
IS-3-25B	Black Color	2.50
IS-3-25W	White Color	2.50

• Metal Sheet Clamp


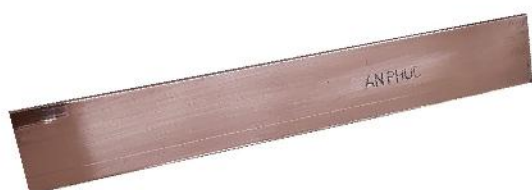
Code	Material	Weight/100 (kg)
MSC-A	Stainless Steel 304	0.09
MSC-A1	Stainless Steel 304	0.15
MSC-AA	Stainless Steel 304	0.09
MSC-C	Stainless Steel 304	0.07
MSC-D	Stainless Steel 304	0.12
MSC-E	Stainless Steel 304	0.12
MSC-N	Stainless Steel 304	0.12
MSC-O	Stainless Steel 304	0.12
MSC-Q	Stainless Steel 304	0.08
LYHT-A	Stainless Steel 304	0.03
LYHT-B	Stainless Steel 304	0.07
S4CPS3555	Stainless Steel 304	5.00

• Down Conductor Guard - Steel


Code	Tap Size (mm)	Length (mm)	Weight (kg)
DCG	25 x 3,25 x 4	3000	3.5

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• **Bare Copper**



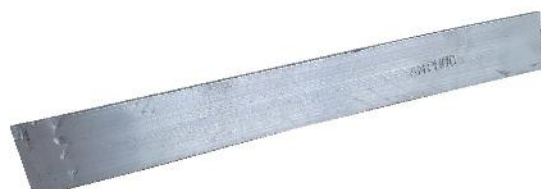
Code	Size (mm)	Weight (kg/m)	Coil Size (m)
BC203	20 x 3	0.55	75
BC253	25 x 3	0.67	75
BC254	25 x 4	0.90	75
BC256	25 x 6	1.34	25
BC303	30 x 3	0.81	50
BC304	30 x 4	1.07	50
BC305	30 x 5	1.34	50
BC324	32 x 4	1.15	50
BC404	40 x 4	1.44	50
BC405	40 x 5	1.78	25
BC406	40 x 6	2.15	25
BC503	50 x 3	1.34	20
BC505	50 x 5	2.60	20
BC506	50 x 6	2.68	20

• **Bare Tinned Copper**



Code	Size (mm)	Weight (kg/m)	Coil Size (m)
BC203T	20 x 3	0.55	75
BC253T	25 x 3	0.67	75
BC254T	25 x 4	0.90	75
BC256T	25 x 6	1.34	25
BC303T	30 x 3	0.81	50
BC304T	30 x 4	1.08	50
BC305T	30 x 5	1.34	50
BC324T	32 x 4	1.15	50
BC404T	40 x 4	1.43	50
BC405T	40 x 5	1.79	25
BC406T	40 x 6	2.15	25
BC503T	50 x 3	1.34	20
BC505T	50 x 5	2.24	20
BC506T	50 x 6	2.68	20

• **Bare Aluminum**



Code	Size (mm)	Weight (kg/m)	Coil Size (m)
BA253	20 x 3	0.20	50
BA254	25 x 4	0.27	50
BA256	25 x 6	0.41	50

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• Bare Copper with PVC


Code	Size (mm)	Weight (kg/m)	Coil Size (m)
BC253-G	25 x 3, Green	0.77	50
BC256-G	25 x 6, Green	1.53	25
BC253-R	25 x 3, Red	0.77	50
BC256-R	25 x 6, Red	1.53	25
BC253-C	25 x 3, Cream	0.77	50
BC256-C	25 x 6, Cream	1.53	25

• Bare Aluminum with PVC


Code	Size (mm)	Weight (kg/m)	Coil Size (m)
BA253-G	25 x 3, Green	0.30	50
BA256-G	25 x 6, Green	0.67	50
BA253-R	25 x 3, Red	0.30	50
BA256-R	25 x 6, Red	0.67	50
BA253-C	25 x 3, Cream	0.30	50
BA256-C	25 x 6, Cream	0.67	50

• Circular Conductors Bare Copper


Code	Conductor Φ (mm)	Weight (kg/m)	Coil Size (m)
CCBC-8	8	0.45	50
CCBC-9.5	9.5	0.65	50

• Circular Conductors (Tinned Copper)


Code	Conductor Φ (mm)	Weight (kg/m)	Coil Size (m)
CCBC-8T	8	0.45	50
CCBC-9.5T	9.5	0.65	50

• Circular Conductors Copper with PVC

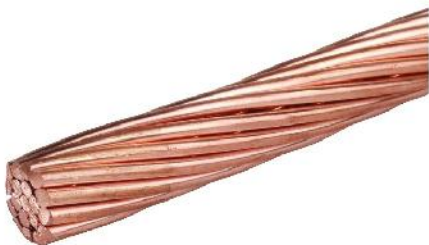

Code	Conductor Φ (mm)	Weight (kg/m)	Coil Size (m)
CCBC-8P	8	0.50	50
CCBC-9.5P	9.5	0.70	50
CCBC-8P-LSHF	8	0.50	50
CCBC-9.5P-LSHF	9.5	0.70	50

• Circular Conductors Bare Aluminum


Code	Conductor Φ (mm)	Weight (kg/m)	Coil Size (m)
CCBA-8	8	6.79	50
CCBA-10	10	10.60	50

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• **Stranded Copper Conductor**



Code	Cable Size (mm ²)	Number and Diameter of Wire (no./mm)	Approx. Weight per Mtr (kg)
SCC010	10	7/1.35	0.09
SCC016	16	7/1.70	0.14
SCC025	25	7/2.14	0.23
SCC035	35	7/2.52	0.32
SCC050	50	19/1.78	0.43
SCC070	70	19/2.14	0.62
SCC095	95	19/2.52	0.86
SCC120	120	19/2.85	1.10
SCC150	150	37/2.25	1.33
SCC185	185	37/2.52	1.68
SCC240	240	61/2.25	2.20
SCC300	300	74/2.25	2.80
SCC400	400	98/2.25	3.50

• **Stranded Copper Earth Conductor, Yellow/ Green PVC Cover**



Code	Cable Size (mm ²)	Number and Diameter of Wire (no./mm)	Approx. Weight per Mtr (kg)
SCCP010	10	7/1.35	0.10
SCCP016	16	7/1.70	0.18
SCCP025	25	7/2.14	0.27
SCCP035	35	7/2.52	0.38
SCCP050	50	19/1.78	0.54
SCCP070	70	19/2.14	0.73
SCCP095	95	19/2.52	0.98
SCCP120	120	19/2.85	1.22
SCCP150	150	37/2.25	1.53
SCCP185	185	37/2.52	1.96
SCCP240	240	61/2.25	2.52
SCCP300	300	74/2.25	3.13
SCCP400	400	98/2.25	3.87

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• **Copper Lugs Barrel Short Pad Blank**



Code (2 Holes)	Code (1 Hole)	Cable Size (mm ²)	*: Hole (mm)
COL16-2E10	COL16-*	16	6-8-10
COL25-2E10	COL25-*	25	6-8-10-12
COL35-2E10	COL35-*	35	6-8-10-12
COL50-2E10	COL50-*	50	8-10-12
COL70-2E10	COL70-*	70	8-10-12
COL95-2E10	COL95-*	95	8-10-12
COL120-2E12	COL120-*	120	10-12-14-16
COL150-2E12	COL150-*	150	10-12-14-16
COL185-2E12	COL185-*	185	12-14-16
COL240-2E12	COL240-*	240	12-14-16
COL300-2E12	COL300-*	300	12-14-16
COL400-2E12	COL400-*	400	12-14-16
COL500-2E12	COL500-*	500	14-16
COL630-2E12	COL630-16	630	16

• **Copper C - Clamp**



Code	Cable Size (mm ²)		Weight (kg)
	Run	Tape	
CC6-6	6-2.5	6-1.5	0.01
CC10-10	10	10-1.5	0.01
CC16-16	16	16-1.5	0.02
CC25-10	25	10-1.5	0.02
CC25-25	25	25-10	0.02
CC35-16	35	16-1.5	0.04
CC35-35	35	35-10	0.04
CC50-25	50	25-4	0.08
CC50-50	50	50-35	0.09
CC70-35	70	35-4	0.08
CC70-70	70	70-35	0.08
CC95-35	95	35-4	0.13
CC95-70	95	70-50	0.12
CC95-95	95	95-50	0.12
CC120-120	120	120-25	0.17
CC150-120	150	120-25	0.15
CC150-150	150	150-25	0.13
CC185-95	185	95-25	0.13
CC185-185	185	185-120	0.23
CC240-70	240	70-35	0.22
CC240-120	240	120-95	0.24
CC240-240	240	240-120	0.32

PROJECT REFERENCES

OIL AND GAS INDUSTRY

- Nghi Son Refinery Factory
- Aviation Fuelling Facilities at Tan Son Nhat International
- Dung Quat Refinery Factory
- LPG Dung Quat
- LPG Thi Vai



Nghi son refinery factory

POWER PLANT

- Vinh Tan 2 Power Plant
- Nghi Son 1 Thermal Power Plant
- Vung Ang 1 Thermal Power Plant
- Ca Mau Power Plant
- O Mon 1 Power Plant



Vung Ang 1 Thermal Power Plant

CEMENT PLANT

- Ha Tien 2 Cement Plant
- Thang Long Cement Plant
- Ha Long Cement Plant
- Binh Phuoc Cement Plant
- Thang Long Grinding Terminal



Binh Phuoc Cement Plant

BUILDING

- Keangnam Tower
- New Pearl Tower
- Sunrise City
- Times Square Tower
- Bitexco Financial Tower
- Kumho Asiana Tower



Bitexco Financial Tower

FACTORY

- Formosa Ha Tinh Factory
- Hercules Viet Nam Factory
- Amway Viet Nam Factory
- NTPM Viet Nam Factory
- Paramount Beb Viet Nam Factory
- Damen Song Cam Shipyard Factory
- Cargill Binh Dinh Factory



Cargill Binh Dinh Factory

Steel & PVC conduits	: An Phuc, Smartube, Unipipe, Blue Eagle
Clamping & Conduit fitting	: An Phuc, Caddy, Steel City
Cable Tray, Trungking, Ladder	: An Phuc
Lightning & Grounding systems	: An Phuc, Kumwell, Hex
Lighting Fixture, Socket Outlet, Switch	: Philips, Legrand, Gewiss
Explosion proof equipment	: Govan, Gewiss, Petrel, CMP
Fire resistant cable, Electric wires	: TMC, Untel, Wilson, Draka
Wiring Accessories	: PB, KSS, Hex



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