




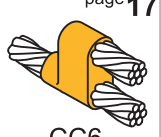







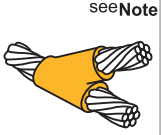



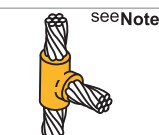
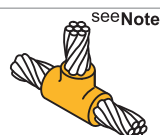

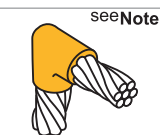


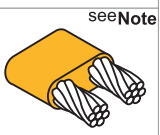







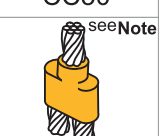

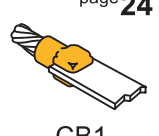









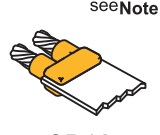




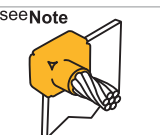
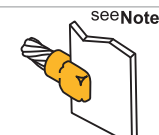
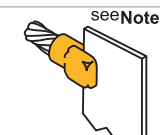

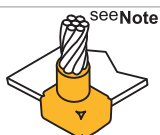
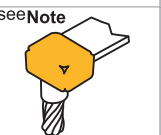
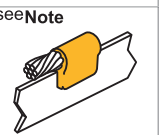






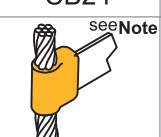




Cable to Cable

 page 14 CC1	 page 15 CC2	 seeNote CC3	 page 16 CC4	 seeNote CC5	 page 17 CC6	 page 18 CC7	 seeNote CC8
 page 19 CC11	 page 20 CC13	 page 21 CC14	 seeNote CC17	 seeNote CC18	 seeNote CC19	 seeNote CC20	 seeNote CC22
 seeNote CC23	 seeNote CC-24	 seeNote CC25	 seeNote CC26	 seeNote CC27	 seeNote CC28	 seeNote CC29	 seeNote CC30
 seeNote CC31	 seeNote CC33	 page 22 CC34	 seeNote CC35	 seeNote CC36	 seeNote CC37	 seeNote CC38	 seeNote CC39

Cable to Bus Bar

 page 23 (Lug) CB1	 page 24 CB1	 seeNote CB2	 seeNote CB3	 page 25 CB4	 page 26 CB5	 seeNote CB6	 seeNote CB7
 seeNote CB8	 seeNote CB9	 seeNote CB11	 seeNote CB12	 seeNote CB15	 seeNote CB16	 seeNote CB17	 seeNote CB18
 seeNote CB19	 seeNote CB20	 seeNote CB21	 seeNote CB22	 seeNote CB23	 seeNote CB24	 seeNote CB25	 seeNote CB26
 seeNote CB27	 seeNote CB28	 page 27 CB29	 seeNote CB30	 seeNote CB31	 seeNote CB32	 page 28 CB34	 seeNote CB38

CB6, CB7 clearance behind bar 3/4" - 5"

CB34 used for signal reference ground grid copper strip ≤ 0.6 mm. thick.

Note : Special requirement can be requested.

Please contact us.

E-mail : info@kumwell.com

Tel : (662)-954-3455

Fax : (662)-591-7891






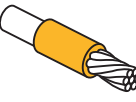




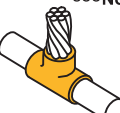


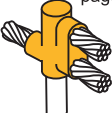



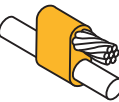






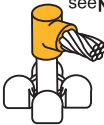




www.gulfradiant.com

Muhammad Nihal


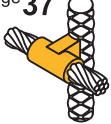




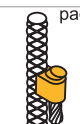


email:nihal@gulfradiant.com

Selection Chart

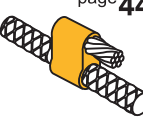




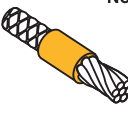

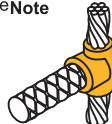








Cable to Ground Rod

 page 29 CR1	 page 30 CR2	 page 31 CR3	 seeNote CR5	 seeNote CR-6	 seeNote CR7	 seeNote CR8	 seeNote CR9
 seeNote CR12	 seeNote CR13	 seeNote CR14	 seeNote CR15	 seeNote CR16	 page 32 CR17	 seeNote CR18	 seeNote CR19
 seeNote CR20	 seeNote CR21	 seeNote CR22	 seeNote CR23	 page 33 CR24	 page 34 CR25	 seeNote CR26	 seeNote CR27
 seeNote CR29	 seeNote CR30	 seeNote CR31	 seeNote CR32	 page 35 CR33			

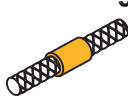

Cable to Rebar (Partially Wrapped)

 page 36 CRE1P	 page 37 CRE3P	 page 38 CRE4P
 seeNote CRE5P	 page 39 CRE6P	 page 40 CRE17P
 page 41 CRE18P	 page 42 CRE19P	 page 43 CRE20P

Cable to Rebar (Fully Wrapped)

 page 44 CRE1	 page 45 CRE2	 page 46 CRE6	 seeNote CRE7
 seeNote CRE8	 seeNote CRE9	 seeNote CRE11	 seeNote CRE12
 seeNote CRE13	 seeNote CRE14	 seeNote CRE15	 seeNote CRE16
 page 47 CRE17	 page 48 CRE18	 page 49 CRE19	 page 50 CRE20






























Rebar to Rebar

 page 92 RE1	 page 93 RE2
----------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------

Note : Special requirement can be requested.
Please contact us.
E-mail : info@kumwell.com
Tel : (662)-954-3455
Fax : (662)-591-7891

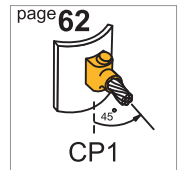
Selection Chart

Cable to Steel



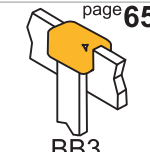











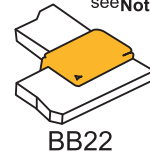

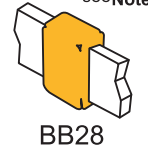

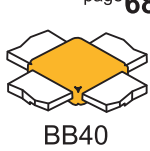




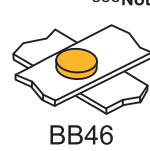
 page 51 CS1F	 page 52 CS2F	 page 53 45° CS3F	 page 54 CS4F	 seeNote CS5NC	 page 55 CS6F	 page 56 CS7N	 page 57 CS8N
 page 58 CS9N	 seeNote CS11NC	 seeNote 45° CS12N	 seeNote 45° CS13N	 seeNote 45° CS14N	 seeNote 45° CS15N	 seeNote CS16	 seeNote CS18N
 seeNote CS21NC	 seeNote CS22	 page 59 CS23F	 seeNote CS24F	 page 60 CS25N	 seeNote CS26N	 page 61 CS27N	 seeNote 45° CS28FC
 seeNote CS29N	 seeNote CS30NC	 seeNote CS31F	 seeNote CS42FC	 seeNote CS43FC			

Note : CSn | - None
| C | Cast iron
N = On surface
F = Off surface

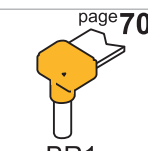



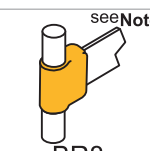



Cable to Pipe



Bus Bar to Bus Bar

 page 63 BB1	 page 64 BB2	 page 65 BB3	 seeNote BB4	 seeNote BB5	 seeNote BB6	 page 66 BB7	 seeNote BB8
 seeNote BB11	 seeNote BB12	 page 67 BB14	 seeNote BB17	 seeNote BB20	 seeNote BB21	 seeNote BB22	 seeNote BB27
 seeNote BB28	 seeNote BB29	 page 68 BB40	 page 69 BB41	 seeNote BB43	 seeNote BB44	 seeNote BB45	 seeNote BB46

Bus Bar to Ground Rod

 page 70 BR1	 page 71 BR2	 page 72 BR4	 page 73 BR7	 seeNote BR8	 seeNote BR9	 seeNote BR11	 seeNote BR12
-------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

Note : BB8, BB11, BB28, BB29 clearance behind bar 3/4" - 5"
BB44, BB45, BB46 used for signal reference ground grid copper strip ≤ 0.6 mm. thick.
Special requirement can be requested.

Please contact us.
E-mail : info@kumwell.com
Tel : (662)-954-3455
Fax : (662)-591-7891

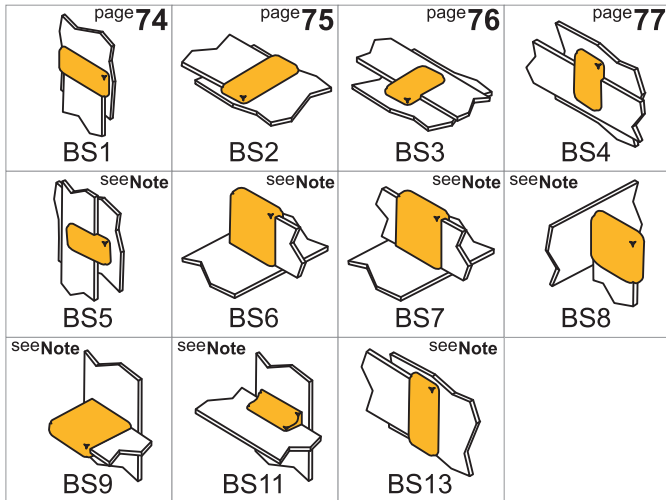
www.gulfradiant.com

Muhammad Nihal

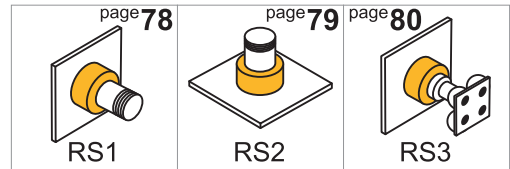
email:nihal@gulfradiant.com

Selection Chart

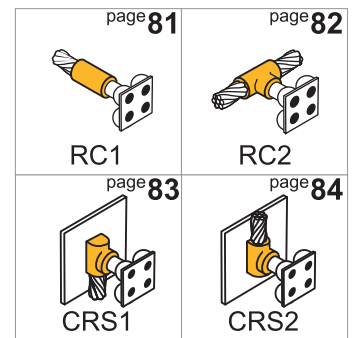
Bus Bar to Steel



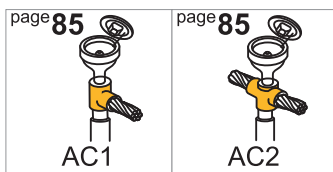
Copper or Steel Stud to Steel



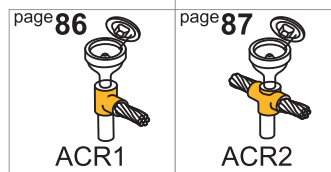
Ground Plates to Cable & Steel



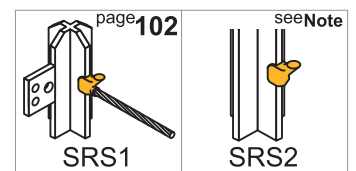
CGR



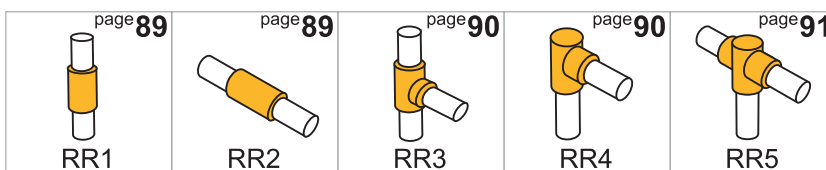
CGRG



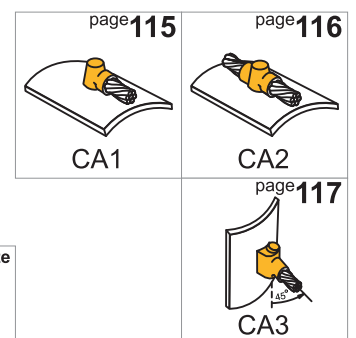
Steel Cable to Steel Rod



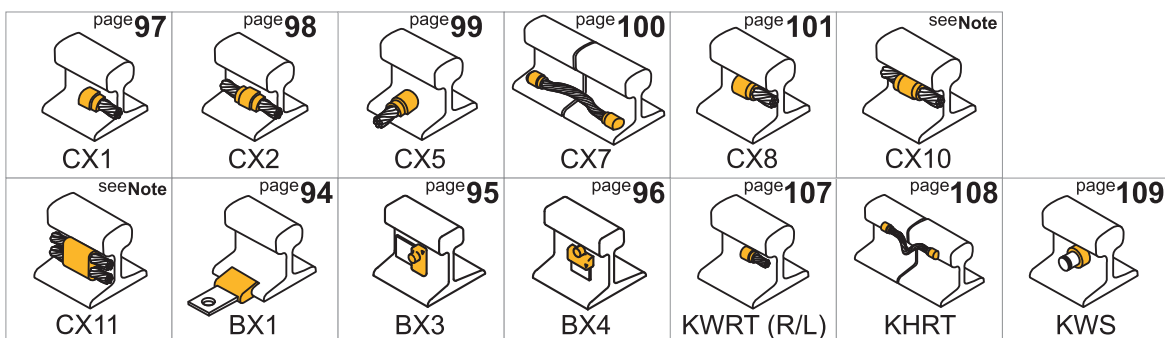
Ground Rod to Ground Rod



Cathodic Protection



Railway Application



CGR = Cable to Grounding Receptacle
CGRG = Cable & Grounding Receptacle to Ground Rod

Note : Special requirement can be requested.
Please contact us.
E-mail : info@kumwell.com
Tel : (662)-954-3455
Fax : (662)-591-7891