

Radi Lugs HT-RCM series of tinned copper cable lugs are designed and engineered for medium voltage applications up to 33KV.

These products are manufactured from high purity electrolytic grade copper annealed and tinned. The extended barrel of the lugs provides enhanced electrical and mechanical performance. The absence of inspection hole prevents moisture entry into the compressed joint and makes these lugs suitable for both indoor and outdoor applications

These series of lugs are able to accommodate cables with round conductors, round compact conductors and sector shaped conductors.

### General Properties

Operating temperature:	-55 to 150 deg C
Total conductivity:	97.25% IACS
Total resistivity:	1.738 micro ohm/cm
<b>Conductive Material as per BS12449 (C11000)</b>	
Copper purity:	99.9%
Oxygen content:	30 p,pm
Tensile strength:	200MPa
Ductile rating:	40%
Final metal state:	Fully annealed
<b>Electroplating material conform to BS1872</b>	
Tin material:	99%
Other materials:	Lead and antimony
Thickness:	5 to 10 micron

### Product Dimensions

Part Number	Stud Hole mm	Dimensions mm				
		I	W	C	E	L
RHTCL 35-M12	M12	8.2	19	26	13.2	53
RHTCL 35-M16	M16	8.2	26	36	17	68
RHTCL 50-M10	M10	9.5	20	26	10.5	55
RHTCL 50-M12	M12	9.5	20	26	13.2	55
RHTCL 50-M16	M16	9.5	26	36	17	68
RHTCL 70-M12	M12	11.2	21	26	13.2	70
RHTCL 70-M16	M16	11	30	36	17	70.2
RHTCL 95-M12	M12	13.5	25	26	13.2	78
RHTCL 95-M14	M14	12	29	34	15	79
RHTCL 120-M12	M12	15	28	26	13.2	82
RHTCL 120-M14	M14	15	31	34	15	85
RHTCL 150-M12	M12	16.5	30	30	13.2	98
RHTCL 150-M14	M14	16.5	32	34	15	85
RHTCL 180-M14	M14	17	32.5	34	15	85
RHTCL 240-M14	M14	19.2	43	34	15	91
RHTCL 300-M12	M12	23.5	44	36	12	106
RHTCL300-M14	M14	23.7	44	34	15	89
RHTCL400-M14	M14	27	51	41	15	121
RHTCL400-M16	M16	26.5	50.1	41	17	140
RHTCL400-M20	M20	27	51	47	21	123
RHTCL500-M16	M16	30	56	41	17	147
RHTCL500-M20	M20	30.3	56.5	47	21	130
RHTCL630-M16	M16	35	62	41	17	159
RHTCL630-M20	M20	33.4	61.5	47	21	142

