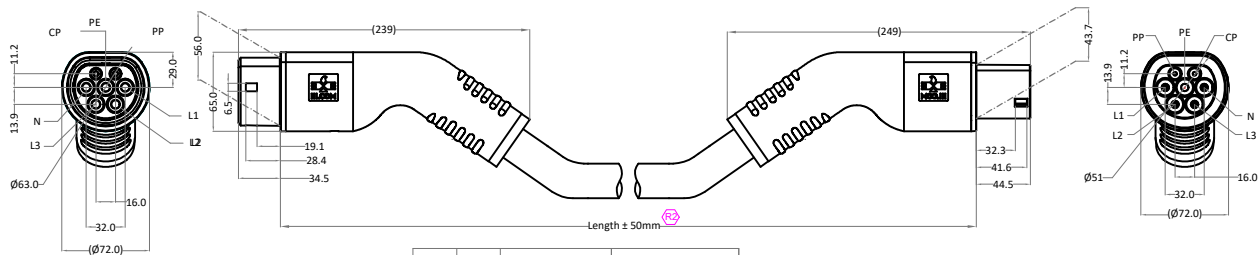


Vehicle Charging Connector and Infrastructure Charging Plug

BASIC DIMENSIONS:-



Cable Details	NO.	Connection	63A, 480V AC
	1	L1	16mm ²
	2	L2	16mm ²
	3	L3	16mm ²
	4	N	16mm ²
	5	PE	16mm ²
	6	CP	0.75mm ²
	7	PP	0.75mm ²
	8	Cable OD	Ø28.5 ±1mm

Specification Table

SR.NO	PARAMETER		SPECIFICATION
1	Type	Vehicle Connector (Ile) & Plug (Iib)	
2	Rated Current	63A	
3	Rated Voltage	480V AC	
4	Signal Rating	2A 30V DC (For PP & CP)	
5	Insulation Resistance at DC 500V	>1000 MΩ	
6	Resistor coding (between PE and PP)	100 Ω	
7	Contact Resistance	0.5mΩ Max	
8	H.V.Break Down Test	2KV	
9	Mechanical Life	>10000	
10	Insertion Force	<100 N	
11	Withdrawal Force	<100 N	
12	Permissible Temp. With/Without Load	-30°C TO 50°C	
13	Material	(a) Cable	Thermo Plastic
		(b) Outer Sheath	EVM-1/ EVM-2/EVM-3
		(c) Cable Sheath Color	Black Color
		(d) Conductors	Bare Copper, class 5
14	Cable Core	(i) Live , Neutral,CP	As per table of Cable details
		(ii) Earth,PP	
15	Protection Degree	Mating- IP44 & Unmating -IP55(With Protection Cap)	
16	Shell Material	Thermoplastic	
17	Reference Standard	IEC 62196-1, IEC 62196-2, IEC 62893 IS-17017-1, IS 17017-2	

ORDERING CODE:- R2

Elcom Electric Vehicle Charging	Connector Type	Sub Type	Current Rating	Voltage	Cable/Wire	Length (mtr)	Cable Mfg
EEVC	Type-2 :- T	Connector & Plug :- 5	63A :- H	480V AC :- 2	Without Cable :- N	2.0	KEI - K
					With Cable :- W	3.0	Siechem - S
						4.0	Apar - A
						5.0	KEC - C
						5.2	Polycab - P
						5.5	Oniti - O
						6.0	
						6.5	
						7.0	

For Example :- EEVC-T5H2W5.0K :- Elcom Electric Vehicle Charging Type-2 Connector & Plug 63A 480V AC With 5.0 mtr KEI Cable

Note :- At present Approved cables = Siechem, KEI & Oniti & Under approval = Apar & KEC make cable

R2 63A 250V AC will not be Available

PRODUCT :-				CODE :-			
Type 2 Infrastructure Charging Plug & Connector				Vehicle Charging Connector and Infrastructure Charging Plug Series (63A)			
R2	2A 30V DC	2A 30V AC	17-08-24	PBM	APP	15.09.23	PBM
	Note Updated				CHK	15.09.23	Pagar
	Add Cable Diameter & Change length Position				DRN	15.09.23	YDP
R1	Add Cable Mfg Table in Ordering Table		11-03-24	PBM			
REV	IS	WAS	DATE	SIGN	APP.	BY	DATE
UNSP.TOLERANCE				DIMNS. IN	WT(Gm)	SCALE:-	PROJECTION
OVER	-	1	10	mm	Max.	NTS.	SHEET
UP TO	1	10	-	Moulding, plating details as per Bill of Material Unspecified colour is Black, GF:Glass filled.			1 OF 1
±	0.2	0.3	0.5				
				DRAWING NUMBER			
				E V T P 2 C N P G			
				REVISION			
				R2			

F:ENG-08.00

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Note: Technical specifications are subject to change without prior notice