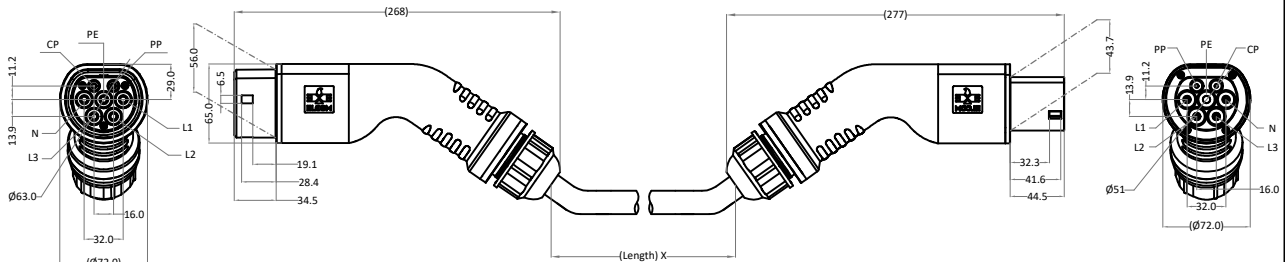


Vehicle Charging Connector and Infrastructure Charging Plug

BASIC DIMENSIONS:-



Cable Details	NO.	Connection	16A, 250V AC	16A, 480V AC	32A, 250V AC	32A, 480V AC
	1	L1	2.5mm ²	2.5mm ²	6mm ²	6mm ²
	2	L2	-	2.5mm ²	-	6mm ²
	3	L3	-	2.5mm ²	-	6mm ²
	4	N	2.5mm ²	2.5mm ²	6mm ²	6mm ²
	5	PE	2.5mm ²	2.5mm ²	6mm ²	6mm ²
	6	CP	0.5mm ²	0.5mm ²	0.5mm ²	0.5mm ²
	7	PP	0.5mm ²	0.5mm ²	0.5mm ²	0.5mm ²

Specification Table

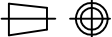
SR.NO	PARAMETER		SPECIFICATION
1	Type		Vehicle Connector (Ile) & Plug (Iib)
2	Rated Current		16A, 32A
3	Rated Voltage		250V AC / 480V AC
4	Signal Rating		2A 30V AC(For PP & CP)
5	Insulation Resistance at DC 500V		>1000 MΩ
6	Resistor coding (between PE and PP)		For 16A 680 Ω & for 32A 220 Ω
7	Contact 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:-

Elcom Electric Vehicle Charging	Connector Type	Sub Type	Current Rating	Voltage	Cable/Wire	Length (mtr)	Cable Mfg
EEVC	Type-2 :- T	Connector & Plug :- 5	16A :- B	250V AC :- 1	Without Cable :- N	5.0	KEI - K
			32A :- G	480V AC :- 2	With Cable :- W	7.0	Siechem - S
							Apar - A
							KEC - C
							Polycab - P
							Oniti - O

For Example :- EEVC-T5B2W5.0K :- Elcom Electric Vehicle Charging Type-2 Connector & Plug 16A 480V AC With 5.0 mtr KEI Cable

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

					PRODUCT :- Type 2 Infrastructure Charging Plug & Connector				CODE :- Vehicle Charging Connector and Infrastructure Charging Plug Series (16A & 32A)																
					APP	15.09.23	PBM			 Plot E-4, Kagal Five Star MIDC, Kagal, Kolhapur, MH - 416236, India Elcom International Pvt. Ltd. www.elcom-in.com															
					CHK	15.09.23	<i>Pagar</i>																		
R1	Added Cable Mfg Table in Ordering Table			11-03-24	<i>Pagar</i>	PBM	DRN	15.09.23	YDP																
REV	IS		WAS		DATE	SIGN	APP.	BY	DATE	SIGN															
UNSP.TOLERANCE				DIMNS. IN		WT(Gm)		SCALE:-		PROJECTION		SHEET		DRAWING NUMBER											
OVER	-	1	10	mm		Max.		NTS.				1 OF 1		E	V	T	P	2	C	N	P	G	REVISION		
UP TO	1	10	-	Moulding, plating details as per Bill of Material Unspecified colour is Black, GF:Glass filled.																				R1	
±	0.2	0.3	0.5																						