

अनिवार्य आवश्यकताएँ

संख्या : TEC12672108

Essential Requirements

ER No. : TEC12672108

Cordless Telephone

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Government of India

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Essential Requirements for:

Cordless Telephone

Certification Scheme: **GCS**

Product Fee Group: **A**

This ER covers all types of Cordless Telephones

Note: Annexures referred to in this ER are Annexures as mentioned in "Annexures to ERs" No. TEC/SD/DD/TCP-222/02/June19 as updated from time to time and available on MTCTE portal.

This product has the following variants:

1. Cordless Telephone

1. Variant 1 : Cordless Telephone

1.1 Parameters Linked with Product Variant

S.No.	Parameter Name	Standard Name
1.1.1	Acoustic Shock Absorption	P.360. Annex-D
1.1.2	Conducted And Radiated Emission - Class B	TEC EMI EMC Standard CISPR 22/32 EN55022/32. Annex-B
1.1.3	EIRP for Cordless Telephone	WPC GSR. Annex-D2
1.1.4	Frequency Band For Cordless Telephone	WPC GSR. Annex-D2
1.1.5	Immunity to AC Voltage Dips and Short Interruptions	TEC EMI EMC Standard EN/IEC:61000-4-11. Annex-B
1.1.6	Immunity to DC Voltage Dips and Short Interruptions	EN/IEC:61000-4-29. Annex-B
1.1.7	Immunity to Electrostatic Discharge	TEC EMI EMC Standard EN/IEC:61000-4-2. Annex-B
1.1.8	Immunity to Fast Transients (Burst)	TEC EMI EMC Standard EN/IEC:61000-4-4. Annex-B

1.1.9	Immunity to Radiated RF	TEC EMI EMC Standard EN/IEC:61000-4-3. Annex-B
1.1.10	Immunity to RF Field Induced Conducted Disturbance	TEC EMI EMC Standard EN/IEC:61000-4-6. Annex-B
1.1.11	Immunity to Surges	TEC EMI EMC Standard EN/IEC:61000-4-5. Annex-B
1.1.12	IT Equipment Safety	IS 13252-1 or IEC:60950-1 or IEC 62368-1. Annex-A1
1.1.13	Over Voltage and over Current Protection on 2W	K.21. Annex-D
1.1.14	Spurious Emissions for Cordless Phone	Annex-D2
1.1.15	Transmit Power for Cordless Telephone	Annex-D2

1.2 Interface 1 : 2 Wire

S.No.	Parameter Name	Standard Name
1.2.1	Idle State Current for 2 wire Int	ETSI EN 300 001 ETSI TBR-21 Cl. 4.4.1. Annex-D
1.2.2	Insulation Test for 2 wire Int	ETSI EN 300 001. Annex-D
1.2.3	Longitudinal Conversion Loss for 2W Int	Q.552 Cl. 2.2.2. Annex-D
1.2.4	Maximum Loop Current for 2W Int	ETSI EN 300 001 ETSI TBR-21 Cl.4.4.3. Annex-D
1.2.5	Return Loss for 2W Int	Q.552 Cl. 2.2.1.2. Annex-D