## CHAPTER 85

Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles

## Notes

- 1. This Chapter does not cover:
- (a) electrically warmed blankets, bed pads, foot-muffs or the like; electrically warmed clothing, footwear or ear pads or other electrically warmed articles worn on or about the person;
  - (b) articles of glass of heading 7011; or
  - (c) electrically heated furniture of Chapter 94.
- $2.\ Headings\ 8501$  to 8504 do not apply to goods described in headings  $\ 8511,\ 8512,\ 8540,\ 8541$  or 8542.

However, metal tank mercury arc rectifiers remain classified in heading 8504.

- 3. Heading 8509 covers only the following electro-mechanical machines of the kind commonly used for domestic purposes :
  - (a) vacuum cleaners, including dry and wet vacuum cleaners, floor polishers, food grinders and mixers, and fruit or vegetables juice extractors, of any weight;
  - (b) other machines provided the weight of such machines does not exceed  $20\,\mathrm{kg}$ .

The heading does not, however, apply to fans and ventilating or recycling hoods incorporating a fan, whether or not fitted with filters (heading 8414), centrifugal clothsdryers (heading 8421), dish washing machines (heading 8422), household washing machines (heading 8450), roller or other ironing machines (heading 8420 or 8451), sewing machines (heading 8452), electric scissors (heading 8467) or to electro-thermic appliances (heading 8516).

4. For the purposes of heading 8534, "printed circuits" are circuits obtained by forming on an insulating base, by any printing process (for example, embossing, plating-up, etching) or by the "film circuit" technique, conductor elements, contacts or other printed components (for example, inductances, resistors, capacitors) alone or interconnected according to a pre-established pattern, other than elements which can produce, rectify, modulate or amplify an electrical signal (for example, semi-conductor elements).

The expression "printed circuits" does not cover circuits combined with elements other than those obtained during the printing process, nor does it cover individual, discreet resistors, capacitors or inductances. Printed circuits may, however, be fitted with non-printed connecting elements.

Thin- or thick-film circuits comprising passive and active elements obtained during the same technological process are to be classified in heading 8542.

- 5. For the purposes of headings 8541 and 8542:
- (A) "diodes, transistors and similar semi-conductor devices" are semi-conductor devices, the operation of which depends on variations in resistivity on the application of an electric field;

- (B) "electronic integrated circuits and micro-assemblies" are:
- (a) monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, interconnections, etc.) are created in the mass (essentially) and on the surface of a semi-conductor material (doped silicon, for example) and are inseparably associated;
- (b) hybrid integrated circuits in which passive elements (resistors, capacitors, interconnections, etc.), obtained by thin- or thick-film technology, and active elements (diodes, transistors, monolithic integrated circuits, etc.), obtained by semi-conductor technology, are combined to all intents and purposes indivisibly on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components;
- (c) micro-assemblies of the moulded module, micromodule or similar types, consisting of discrete, active or both active and passive, components which are combined and interconnected.

For the classification of the articles defined in this Note, headings 8541 and 8542 shall take precedence over any other heading in this Schedule which might cover them by reference to, in particular, their function.

6. Records, tapes and other media of heading 8523 or 8524 remain classified in those headings, when they are presented with the apparatus for which they are intended.

This Note does not apply to such media when they are presented with articles other than the apparatus for which they are intended.

7. For the purposes of heading 8548, "spent primary cells, spent primary batteries and spent electric accumulators" are those which are neither usable as such because of breakage, cutting-up, wear or other reasons, nor capable of being recharged.

## SUB-HEADING NOTES

- 1. Sub-headings 8519 92 and 8527 12 cover only cassette-players with built-in amplifier, without built-in loudspeaker, capable of operating without an external source of electric power and the dimensions of which do not exceed  $170 \text{ mm} \times 100 \text{ mm} \times 45 \text{ mm}$ .
- 2. For the purposes of sub-heading 8542 10, the term "smart" cards' means cards which have embedded in them an electronic integrated circuit (microprocessor) of any type in the form of a chip and which may or may not have a magnetic stripe.

## SUPPLEMENTARY NOTE

For the purposes of heading 8524, "Information Technology software" means any representation of instructions, data, sound or image, including source code and object code, recorded in a machine readable form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine.

Tariff Item	Description of goods	Unit	Rate of duty	
			Standard	Preferential Areas
(1)	(2)	(3)	(4)	(5)
8501	ELECTRIC MOTORS AND GENERATORS (EXCLUDING GENERATING SETS)			
8501 10	Motors of an output not exceeding 37.5 W: DC motor:			
8501 10 11	 Micro motor	u	25%	-
8501 10 12	 Stepper motor	u	25%	-
8501 10 13	 Wiper motor	u	25%	-
8501 10 19	 Other	u	25%	-
8501 10 20	 AC motor	u	25%	-

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8501 20 00		Universal AC or DC motors of an output exceeding 37.5 W	u	25%	-
8501 31		Other DC motors; DC generators: Of an output not exceeding 750 W: DC motors:			
8501 31 11		Micro motor	u	25%	-
8501 31 12		Stepper motor	u	25%	-
8501 31 13		Wiper motor	u	25%	-
8501 31 19		Other	u	25%	-
8501 31 20 8501 32		DC generators  Of an output exceeding 750 W but not exceeding 75 kW:	u	25%	-
8501 32 10		DC motor	u	25%	_
8501 32 20		DC generators	u	25%	-
8501 33		Of an output exceeding 75 kW but not exceeding 375 kW:			
8501 33 10		DC motors	u	25%	-
8501 33 20		DC generators	u	25%	-
8501 34 8501 34 10		Of an output exceeding 375 kW: Of an output exceeding 375 kW but not exceeding 1,000 kW	u	25%	-
8501 34 20		Of an output exceeding 1,000 kW but not exceeding 2,000 kW	u	25%	-
8501 34 30		Of an output exceeding 2,000 kW but not exceeding 5,000 kW	u	25%	-
8501 34 40		exceeding 10,000 kW	u	25%	-
8501 34 50 8501 40	-	Of an output exceeding 10,000 kW Other AC motors, single-phase:	u	25%	-
8501 40 10		Fractional horse power motor	u	25%	-
8501 40 90	-	Other Other AC motors, multi-phase:	u	25%	-
8501 51 8501 51 10		Of an output not exceeding 750 W: Squirrel cage induction motor, 3 phase type	u	25%	_
8501 51 10		Slipring motor	u	25%	_
8501 51 90		Other	u	25%	_
8501 52		Of an output exceeding 750 W but not exceeding 75 kW:			
8501 52 10		1 0 11	u	25%	-
8501 52 20		Slipring motor	u	25%	-
8501 52 90		Other	u	25%	-
8501 53 8501 53 10		Of an output exceeding 75 kW: Squirrel cage induction motor, 3 phase type	u	25%	
8501 53 10 8501 53 20			u	25%	_
8501 53 30		Traction motor	u	25%	-
8501 53 90		Other AC generators (alternators):	u	25%	-
8501 61 00		Of an output not exceeding 75 kVA	u	25%	-
8501 62 00		Of an output exceeding 75 kVA but not exceeding 375 kVA	u	25%	-
8501 63 00		Of an output exceeding 375 kVA but not exceeding 750 kVA	u	25%	-
8501 64 8501 64 10		Of an output exceeding 750 kVA: Of an output exceeding 750 kVA but not	u	25%	-
8501 64 20		exceeding 2,000 kVA Of an output exceeding 2,000 kVA but not exceeding 5,000 kVA	u	25%	-
8501 64 30		Of an output exceeding 5,000 kVA but not exceeding 15,000 kVA	u	25%	-
8501 64 40		Of an output exceeding 15,000 kVA but not exceeding 37,500 kVA	u	25%	-
8501 64 50		6 1	u	25%	-

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8501 64 60		Of an output exceeding 75,000 kVA but not exceeding 1,37,500 kVA	u	25%	-
8501 64 70		Of an output exceeding 1,37,500 kVA but not exceeding 3,12,500 kVA	u	25%	-
8501 64 80 <b>8502</b>		Of an output exceeding 3,12,500 kVA ELECTRIC GENERATING SETS AND ROTARY CONVERTERS Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines):	u	25%	-
8502 11 00		Of an output not exceeding 75 kVA	u	25%	-
8502 12 00 8502 13		Of an output exceeding 75 kVA but not exceeding 375 kVA  Of an output exceeding 375 kVA:	u	25%	-
8502 13 10		Of an output exceeding 375 kVA but not exceeding 1,000 kVA	u	25%	-
8502 13 20		Of an output exceeding 1,000 kVA but not exceeding 1,500 kVA	u	25%	-
8502 13 30		Of an output exceeding 1,500 kVA but not exceeding 2,000 kVA	u	25%	-
8502 13 40		Of an output exceeding 2,000 kVA but not exceeding 5,000 kVA	u	25%	-
8502 13 50		Of an output exceeding 5,000 kVA but not exceeding 10,000 kVA	u	25%	-
8502 13 60 8502 20		Of an output exceeding 10,000 kVA Generating sets with spark-ignition internal combustion piston engines:	u	25%	-
8502 20 10			u	25%	-
8502 20 90		Other Other generating sets:	u	25%	-
8502 31 00 8502 39		Wind-powered Other:	u	25%	-
8502 39 10		Powered by steam engine	u	25%	-
8502 39 20		Powered by water turbine	u	25%	-
8502 39 90		Other	u	25%	-
8502 40 00 <b>8503</b>	-	Electric rotary converters Parts suitable for use solely or principally with the machines of heading 8501 or 8502	u	25%	-
8503 00		Parts suitable for use solely or principally with the machines of heading 8501 or 8502:			
8503 00 10		Parts of generator (AC or DC)  Parts of electric motor:	kg.	25%	-
8503 00 21		Of DC motor	kg.	25%	-
8503 00 29		Other	kg.	25%	-
8503 00 90 <b>8504</b>		Other ELECTRICAL TRANSFORMERS, STATIC CONVERTERS (FOR EXAMPLE, RECTIFIERS) AND INDUCTORS	kg.	25%	-
8504 10	-	Ballasts for discharge lamps or tubes:			
8504 10 10		Conventional type	u	30%	-
8504 10 20		For compact fluorescent lamps	u	30%	-
8504 10 90	-	Other Liquid dielectric transformers:	u	30%	-
8504 21 00		Having a power handling capacity not exceeding 650 kVA	u	25%	-
8504 22 00 8504 23		Having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA Having a power handling capacity exceeding	u	25%	-
8504 23 8504 23 10		10,000 kVA:	11	25%	
		Having a power handling capacity exceeding 10,000 kVA but not exceeding 50,000 kVA Having a power handling capacity exceeding	u	25%	-
8504 23 20		50,000 kVA but not exceeding 1,00,000 kVA	u	25%	<u>-</u>

Tariff Item		Description of goods	Unit	t Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8504 23 30		Having a power handling capacity exceeding 1,00,000 kVA but not exceeding 2,50,000 kVA	u	25%	-
8504 23 40		Having a power handling capacity exceeding 2,50,000 kVA  Other transformers:	u	25%	-
8504 31 00		Having a power handling capacity not exceeding 1 kVA	u	25%	-
8504 32 00		Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA	u	25%	-
8504 33 00		Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA	u	25%	-
8504 34 00		Having a power handling capacity exceeding 500 kVA	u	25%	-
8504 40 8504 40 10		Static converters: Electric inverter	.,	25%	
8304 40 10		Rectifier:	u	2370	-
8504 40 21		Dip bridge rectifier	u	25%	-
8504 40 29		Other	u	25%	-
8504 40 30		Battery chargers	u	25%	-
8504 40 40		Voltage regulator and stabilizers (other than automatic)	u	25%	-
8504 40 90		Other	u	25%	-
8504 50	-	Other inductors:			
8504 50 10		Choke coils (chokes)	u	25%	-
8504 50 90		Other	u	25%	-
8504 90		Parts:		2.50	
8504 90 10 8504 90 90		Of transformers Other	kg. kg.	25% 25%	-
	-	INTENDED TO BECOME PERMANENT MAGNETS AFTER MAGNETISATION; ELECTRO-MAGNETIC OR PERMANENT MAGNET CHUCKS, CLAMPS AND SIMILAR HOLDING DEVICES; ELECTRO-MAGNETIC COUPLINGS, CLUTCHES AND BRAKES; ELECTRO-MAGNETIC LIFTING HEADS  Permanent magnets and articles intended to become permanent magnets after magneti-			
8505 11		sation: Of metal:			
8505 11 10		Ferrite cores	kg.	25%	_
8505 11 90		Other	kg.	25%	-
8505 19 00		Other	kg.	25%	-
8505 20 00		Electro-magnetic couplings, clutches and brakes	kg.	25%	-
8505 30 00		Electro-magnetic lifting heads	kg.	25%	-
8505 90 00	-	Other, including parts	kg.	25%	-
<b>8506</b>		PRIMARY CELLS AND PRIMARY BATTERIES		200/	
8506 10 00 8506 30 00		Manganese dioxide Mercuric oxide	u u	30% 30%	-
8506 40 00		Silver oxide	u	30%	-
8506 50 00		Lithium	u	30%	_
8506 60 00		Air-zinc	u	30%	_
8506 80	-	Other primary cells and primary batteries:			
8506 80 10		Button Cells	u	30%	-
8506 80 90		Other	u	30%	-
8506 90 00 <b>8507</b>	-	Parts ELECTRIC ACCUMULATORS, INCLUDING SEPARATORS THEREFOR, WHETHER OR NOT RECTANGULAR (INCLUDING SQUARE)	kg.	30%	-
8507 10 00	-	Lead-acid, of a kind used for starting piston engines	u	30%	-
8507 20 00	-	Other lead-acid accumulators	u	30%	-
8507 30 00		Nickel-cadmium	u	30%	-
8507 40 00		Nickel-iron	u	30%	

Tariff Item	Description of goods	Unit	it Rate of duty	
			Standard	Preferential
(1)	(2)	(3)	(4)	Areas (5)
(1)	(2)	(0)	(.)	
8507 80 00 8507 90	- Other accumulators - Parts:	u	30%	-
8507 90 10	Accumulator cases made of hard rubber and	kg.	30%	-
8507 90 90	separators Other	kg.	30%	_
8509	ELECTRO-MECHANICAL DOMESTIC APPLIANCES, WITH	ĸg.	30 /0	-
0.500 40 00	SELF-CONTAINED ELECTRIC MOTOR		2004	
8509 10 00	<ul> <li>Vacuum cleaners, including dry and wet vacuum cleaners</li> </ul>	u	30%	-
8509 20 00	- Floor polishers	u	30%	-
8509 30 00	- Kitchen waste disposers	u	30%	-
8509 40	- Food grinders and mixers; fruit or vegetable			
9500 40 10	juice extractors:		200/	
8509 40 10 8509 40 90	Food grinders Other	u u	30% 30%	-
8509 80 00	- Other appliances	u U	30%	-
8509 90 00	- Parts	kg.	30%	_
8510	SHAVERS, HAIR CLIPPERS AND HAIR-REMOVING APPLIANCES,	8.		
	WITH SELF-CONTAINED ELECTRIC MOTOR			
8510 10 00	- Shavers	u	30%	-
8510 20 00	- Hair clippers	u	30%	-
8510 30 00	- Hair-removing appliances	u 1	30%	-
8510 90 00 <b>8511</b>	- Parts Electrical ignition or starting equipment of a kind	kg.	30%	-
0311	USED FOR SPARK-IGNITION OR COMPRESSION-IGNITION			
	INTERNAL COMBUSTION ENGINES (FOR EXAMPLE, IGNITION			
	MAGNETOS, MAGNETO-DYNAMOS, IGNITION COILS, SPARKING			
	PLUGS AND GLOW PLUGS, STARTER MOTORS); GENERATORS			
	(FOR EXAMPLE, DYNAMOS, ALTERNATORS) AND CUT-			
	OUTS OF A KIND USED IN CONJUNCTION WITH SUCH ENGINES			
8511 10 00	- Sparking plugs	u	30%	-
8511 20	- Ignition magnetos; magneto-dynamos;			
8511 20 10	magnetic flywheels: Electronic ignition magnetos	u	30%	_
8511 20 90	Other	u	30%	_
8511 30	- Distributors; ignition coils:			
8511 30 10	Distributors	u	30%	-
8511 30 20	Ignition coils	u	30%	-
8511 40 00	- Starter motors and dual purpose starter-	u	30%	-
0511 50 00	generators		200/	
8511 50 00 8511 80 00	<ul><li>Other generators</li><li>Other equipment</li></ul>	u u	30% 30%	-
8511 90 00	- Parts	u kg.	30%	-
8512	ELECTRICAL LIGHTING OR SIGNALLING EQUIPMENT	ĸş.	3070	
	(EXCLUDING ARTICLES OF HEADING 8539), WINDSCREEN			
	WIPERS, DEFROSTERS AND DEMISTERS, OF A KIND USED			
	FOR CYCLES OR MOTOR VEHICLES			
8512 10 00	- Lighting or visual signalling equipment	u	30%	-
9512 20	of a kind used on bicycles			
8512 20 8512 20 10	- Other lighting or visual signalling equipment: Head lamps, tail lamps, stop lamps, side	u	30%	_
8312 20 10	lamps and blinkers	u	30 70	-
8512 20 20	Other automobile lighting equipment	u	30%	-
8512 20 90	Other	u	30%	-
8512 30	- Sound signalling equipment:			
8512 30 10	Horns	u	30%	-
8512 30 90	Other	u	30%	-
8512 40 00	- Windscreen wipers, defrosters and demisters	u ka	30%	-
8512 90 00 <b>8513</b>	- Parts Portable electric lamps designed to function by	kg.	30%	-
0313	THEIR OWN SOURCE OF ENERGY (FOR EXAMPLE, DRY			
	BATTERIES, ACCUMULATORS, MAGNETOS), OTHER THAN			
	LIGHTING EQUIPMENT OF HEADING 8512			

Tariff Item	Description of goods	Unit	Rate of duty	
			Standard	Preferential Areas
(1)	(2)	(3)	(4)	(5)
8513 10	- Lamps:			
8513 10 10	Torch	u	30%	-
8513 10 20	Other flash-lights excluding those for	u	30%	-
	photographic purposes			
8513 10 30	Miners' safety lamps	u	30%	-
8513 10 40	Magneto lamps	u	30%	-
8513 10 90	Other	u	30%	-
8513 90 00	- Parts	kg.	30%	-
8514	INDUSTRIAL OR LABORATORY ELECTRIC FURNACES AND OVENS (INCLUDING THOSE FUNCTIONING BY INDUCTION OR DIELECTRIC LOSS); OTHER INDUSTRIAL OR LABORATORY EQUIPMENT FOR THE HEAT TREATMENT OF MATERIALS BY INDUCTION OR DIELECTRIC LOSS			
8514 10 00	- Resistance heated furnaces and ovens	u	25%	_
8514 20 00	- Furnaces and ovens functioning by induction	u	25%	_
8514 30	or dielectric loss - Other furnaces and ovens:	u	2370	
8514 30 10	For melting	u	25%	_
8514 30 90	Other	u	25%	_
8514 40 00	- Other equipment for the heat treatment of	u	25%	-
0314 40 00	materials by induction or dielectric loss	u	2370	-
8514 90 00	- Parts	kg.	25%	_
8515	ELECTRIC (INCLUDING ELECTRICALLY HEATED GAS), LASER OR OTHER LIGHT OR PHOTO BEAM, ULTRASONIC, ELECTRON BEAM, MAGNETIC PULSE OR PLASMA ARC SOLDERING, BRAZING OR WELDING MACHINES AND APPARATUS, WHETHER OR NOT CAPABLE OF CUTTING; ELECTRIC MACHINES AND APPARATUS FOR HOT SPRAYING OF METALS OR CERMETS  - Brazing or soldering machines and apparatus.		2370	-
8515 11 00	Soldering irons and guns	u	25%	_
8515 19 00	<ul> <li>Other</li> <li>Machines and apparatus for resistance welding of metal:</li> </ul>	u	25%	-
8515 21	Fully or partly automatic:		250	
8515 21 10	Automatic spot welding machinery	u	25%	-
8515 21 20	Automatic butt welding machinery	u	25%	-
8515 21 90	Other	u	25%	-
8515 29 00	Other	u	25%	-
	<ul> <li>Machines and apparatus for arc (including plasma arc) welding of metals:</li> </ul>			
8515 31 00	Fully or partly automatic	u	25%	-
8515 39	Other:			
8515 39 10	AC arc welding machinery	u	25%	-
8515 39 20	Argon arc welding machinery	u	25%	-
8515 39 90	Other	u	25%	-
8515 80	- Other machines and apparatus:			
8515 80 10	High-frequency plastic welding machine	u	25%	-
8515 80 90	Other	u	25%	-
8515 90 00	- Parts	kg.	25%	-
8516	ELECTRIC INSTANTANEOUS OR STORAGE WATER HEATERS AND IMMERSION HEATERS; ELECTRIC SPACE HEATING APPARATUS and soil heating apparatus; electrothermic hair-dressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electro-thermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545			
8516 10 00	Electric instantaneous or storage water heaters and immersion heaters     Electric space heating apparatus and electric	u	30%	-
	soil heating apparatus:			

Tariff Item		Description of goods	Unit	Rate	of duty
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8516 29 00		Other Electro-thermic hair-dressing or hand-drying	u	30%	-
8516 31 00		apparatus: Hair dryers	u	30%	_
8516 32 00		Other hair-dressing apparatus	u	30%	_
8516 33 00		Hand-drying apparatus	u	30%	_
8516 40 00		Electric smoothing irons	u	30%	-
8516 50 00	-	Microwave ovens	u	30%	-
8516 60 00		Other ovens; cookers, cooking plates, boiling rings, grillers and roasters  Other electro-thermic appliances:	u	30%	-
8516 71 00		Coffee or tea makers	u	30%	-
8516 72 00		Toasters	u	30%	-
8516 79		Other:			
8516 79 10		Electro-thermic fluid heaters	u	30%	-
8516 79 20		Electrical or electronic devices for repelling insects (for example, mosquitoes or other similar kind of insects)	u	30%	-
8516 79 90		Other	u	30%	-
8516 80 00	-	Electric heating resistors	u	30%	-
8516 90 00	-	Parts	kg.	25%	-
8517		ELECTRICAL APPARATUS FOR LINE TELEPHONY OR LINE TELEGRAPHY, INCLUDING LINE TELEPHONE SETS WITH CORDLESS HANDSETS AND TELECOMMUNICATION APPARATUS FOR CARRIER-CURRENT LINE SYSTEMS OR FOR DIGITAL LINE SYSTEMS; VIDEOPHONES			
0517 11		Telephone sets; videophones:			
8517 11 8517 11 10		Line telephone sets with cordless handsets: Push button type	u	15%	_
8517 11 10		Other	u	15%	-
8517 19		Other:	u	13 /0	_
001, 1,		Telephone sets:			
8517 19 11		Push button type	u	15%	-
8517 19 12		Rotary dial type	u	15%	-
8517 19 19		Other	u	15%	-
8517 19 20		Videophones	u	15%	-
0515 01 00		Facsimile machines and teleprinters:		4.50	
8517 21 00		Fascimile machines	u	15%	-
8517 22 00 8517 30 00		Teleprinters Telephonic or telegraphic switching apparatus	u	15% 15%	-
8517 50	-	Other apparatus, for carrier-current line systems or for digital line systems:	u	1 3 70	-
8517 50 10		PLCC equipment	u	15%	-
8517 50 20		Voice frequency telegraphy	u	15%	-
8517 50 30		Modems (modulators-demodulators)	u	15%	-
8517 50 40 8517 50 50		High bit rate digital subscriber line system (HDSL) Digital loop carrier system (DLC)	u u	15% 15%	-
8517 50 60		Synchronous digital hierarchy system (SDH)	u	15%	-
8517 50 70		Multiplexer, statistical multiplexer	u	15%	-
		Other:			
8517 50 91		ISDN terminals	u	15%	-
8517 50 92		ISDN terminal adapters	u	15%	-
8517 50 93		Routers	u	15%	-
8517 50 94		X25 pads	u	15%	-
8517 50 99 8517 80		Other Other apparatus:	u	15%	-
8517 80 10		Attachments for telephones	u	15%	_
8517 80 10		Subscriber end equipment	u	15%	-
8517 80 30		Set top boxes for gaining access to the Internet	u	15%	-
8517 80 90		Other	u	15%	-
8517 90	-	Parts:			

Tariff Item		Description of goods	Unit	Rate	of duty
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8517 90 10		Populated, loaded or stuffed printed circuit boards	kg.	15%	-
8517 90 90		Other	kg.	15%	-
8518		MICROPHONES AND STANDS THEREFOR; LOUDSPEAKERS, WHETHER OR NOT MOUNTED IN THEIR ENCLOSURES; HEADPHONES AND EARPHONES, WHETHER OR NOT COMBINED WITH A MICROPHONE, AND SETS CONSISTING OF A MICROPHONE AND ONE OR MORE LOUDSPEAKERS; AUDIOFREQUENCY ELECTRIC AMPLIFIERS; ELECTRIC SOUND AMPLIFIER SETS			
8518 10 00		Microphones and stands therefor  Loudspeakers, whether or not mounted	u	30%	-
9519 21 00		in their enclosures:		200/	
8518 21 00 8518 22 00		Single loudspeakers, mounted in their enclosures Multiple loudspeakers, mounted in the same	u	30% 30%	-
0310 22 00		enclosure	u	30 /0	
8518 29 00		Other	u	30%	-
8518 30 00	-	Headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers	u	30%	-
8518 40 00	-	Audio-frequency electric amplifiers	u	30%	-
8518 50 00		Electric sound amplifier sets	u	30%	-
8518 90 00	-	Parts	kg.	25%	-
8519		TURNTABLES (RECORD-DECKS), RECORD-PLAYERS, CASSETTE-PLAYERS AND OTHER SOUND REPRODUCING APPARATUS, NOT INCORPORATING A SOUND RECORDING DEVICE			
8519 10 00		Coin-or disc-operated record-players  Other record-players:	u	30%	-
8519 21 00		Without loudspeaker	u	30%	-
8519 29 00		Other Turntables (record-decks):	u	30%	-
8519 31 00		With automatic record changing mechanism	u	30%	_
8519 39 00		Other	u	30%	-
8519 40 00		Transcribing machines	u	30%	-
8519 92 00		Other sound reproducing apparatus: Pocket-size cassette players	u	30%	
8519 92 00		Other, cassette-type	u	30%	-
8519 99		Other:	u	3070	
8519 99 10		Audio compact disc players	u	30%	-
8519 99 20		Compact disc changer including mini disc player or laser disc player	u	30%	-
8519 99 30		Time code readers	u	30%	-
8519 99 40		MP-3 player	u	30%	-
8519 99 90 <b>8520</b>		Other MAGNETIC TAPE RECORDERS AND OTHER SOUND RECORDING APPARATUS, WHETHER OR NOT INCORPORATING A SOUND REPRODUCING DEVICE	u	30%	-
8520 10 00	-	Dictating machines not capable of operating without an external source of power	u	30%	-
8520 20 00		Telephone answering machines Other magnetic tape recorders incorporating sound reproducing apparatus:	u	15%	-
8520 32 00		Digital audio type	u	30%	-
8520 33		Other, cassette-type:		204	
8520 33 10		Heavy-duty tape recorders	u	30%	-
8520 33 90		Other	u	30%	-
8520 39		Other:		200/	
8520 39 10		Heavy-duty tape recorders	u	30%	-
8520 39 90		Other Other:	u	30%	-
8520 90	-	Other:			

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8520 90 10		Compact disc recording apparatus	u	30%	-
8520 90 90		Other	u	30%	-
8521		VIDEO RECORDING OR REPRODUCING APPARATUS,			
		WHETHER OR NOT INCORPORATING A VIDEO TUNER			
8521 10		Magnetic tape-type:			
0501 10 11		Cassette tape-type:		200/	
8521 10 11		Professional video tape recorders with 3/4"	u	30%	-
8521 10 12		or 1" tape Video recorders betacam or betacam SP or	u	30%	
8321 10 12		digital betacam S-VHS or digital-S	u	30 70	-
8521 10 19		Other	u	30%	_
0021 10 17		Spool type:		5 0 70	
8521 10 21		Professional video tape recorders with 3/4"	u	30%	-
		or 1" tape			
8521 10 22		Video recorders betacam or betacam SP or	u	30%	-
		digital betacam S-VHS or digital-S			
8521 10 29		Other	u	30%	-
		Other:			
8521 10 91		Professional video tape recorders with 3/4"	u	30%	-
		or 1" tape solid state or otherwise			
8521 10 92		Video recorders betacam or betacam SP	u	30%	-
0.521 10 00		or digital betacam S-VHS or digital-S		200/	
8521 10 99		Other	u	30%	-
8521 90 8521 90 10		Other: Video duplicating system with master and		30%	
8321 90 10		slave control	u	30 70	-
8521 90 20		DVD player	u	30%	_
8521 90 90		Other	u	30%	_
8522		PARTS AND ACCESSORIES SUITABLE FOR USE SOLELY OR			
		PRINCIPALLY WITH THE APPARATUS OF HEADINGS 8519			
		то 8521			
8522 10 00	-	Pick-up cartridges	kg.	30%	-
8522 90 00	-	Other	kg.	30%	-
8523		PREPARED UNRECORDED MEDIA FOR SOUND RECORDING			
		OR SIMILAR RECORDING OF OTHER PHENOMENA, OTHER			
		THAN PRODUCTS OF CHAPTER 37			
0522 11		Magnetic tapes:			
8523 11		Of a width not exceeding 4 mm:			
8523 11 11		For recording sound: Audio cassettes		10%	
8523 11 11		Other	u u	10%	-
0323 11 17		For recording phenomena other than sound:	u	1070	
8523 11 21		Video cassettes	u	10%	_
8523 11 22		Other video magnetic tape including those	u	10%	-
		in hubs and reels, rolls, pancakes and			
		jumbo rolls			
8523 11 29		Other	u	10%	-
8523 12		Of a width exceeding 4 mm but not			
		exceeding 6.5 mm:			
		For recording sound:			
8523 12 11		Audio cassettes	u	10%	-
8523 12 19		Other	u	10%	-
0502 10 01		For recording phenomena other than sound:		1.0.0/	
8523 12 21 8523 12 22		Video cassettes Other video magnetic tane including those	u	10%	-
8523 12 22		Other video magnetic tape including those	u	10%	-
		in hubs and reels, rolls, pancakes and jumbo rolls			
8523 12 29		Other	u	10%	_
		Of a width exceeding 6.5 mm:	u	10/0	
8523 13					

Tariff Item		Description of goods	Unit	Rate	of duty
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8523 13 11		Audio cassette tape of width exceeding 6.5 mm but not exceeding 35 mm, and 16 mm sprocket tapes	u	10%	-
8523 13 12		Other audio cassette tape	u	10%	_
8523 13 13		Other audio magnetic tape of width exceeding	u	10%	_
0323 13 13		6.5 mm but not exceeding 35 mm, and 16 mm sprocket tapes	u	1070	
8523 13 19		Other For recording phenomena other than sound:	u	10%	-
8523 13 21		34" and 1" video cassettes	u	10%	_
8523 13 22		½" video cassette suitable to work with betacam, betacam SP/M II and VHS type VCR	u	10%	-
8523 13 23		Other video cassettes	u	10%	-
8523 13 24		3/4" and 1" video tapes	u	10%	-
8523 13 25		Other video tapes	u	10%	-
8523 13 29 8523 20		Other  Magnetic discs:	u	10%	-
8523 20 10		Hard disc pack	u	10%	
8523 20 10		Floppy disc or diskettes	u	10%	
8523 20 90		Other	u	10%	_
8523 30 00		Cards incorporating a magnetic stripe	u	30%	_
8523 90		Other:			
8523 90 10		Matrices for the production of records; prepared record blanks	u	10%	-
8523 90 20		Cartridge tape	u	10%	-
8523 90 30		½" video cassette suitable to work with digital type VCR	u	10%	-
8523 90 40		Unrecorded compact disc (Audio)	u	10%	-
8523 90 50		Compact disc recordable	u	10%	-
8523 90 60		Blank Master Disc (i.e. substrate) for producing stamper for compact disc	u	10%	-
8523 90 90 8524		Other RECORDS, TAPES AND OTHER RECORDED MEDIA FOR SOUND OR OTHER SIMILARLY RECORDED PHENOMENA, INCLUDING MATRICES AND MASTERS FOR THE PRODUCTION OF RECORDS, BUT EXCLUDING PRODUCTS OF CHAPTER 37	u	10%	-
8524 10		Gramophone records:		200/	
8524 10 10 8524 10 90		Learning aids, such as, language records Other	u u	30% 30%	-
8524 31	-	Discs for laser reading systems: For reproducing phenomena other than	u	30 %	-
		sound or image: Software:			
8524 31 11		Information Technology software	u	10%	-
8524 31 19		Other	u	10%	-
8524 31 90		Other	u	10%	-
8524 32 8524 32 10		For reproducing sound only: Pre-recorded audio compact discs or pre-recorded audio mini discs	u	30%	-
8524 32 90 8524 39		Other Other:	u	30%	-
8524 39 10		Video compact disc of educational nature	u	30%	_
8524 39 20		Other video compact discs	u	30%	-
8524 39 30		Digital video discs	u	30%	-
8524 39 90		Other	u	30%	-
8524 40		Magnetic tapes for reproducing phenomena other than sound or image: Software:			
8524 40 11		Information Technology software	u	10%	_
8524 40 19		Other	u	10%	-
8524 40 90		Other	u	10%	-
	-	Other magnetic tapes:			

Tariff Item	Description of goods	Unit	Rate of duty	
			Standard	Preferential Areas
(1)	(2)	(3)	(4)	(5)
8524 51	 Of a width not exceeding 4 mm:			
0504 51 11	Learning aids:		200/	
3524 51 11	Audio cassettes	u	30%	-
3524 51 12	Video tapes of educational nature	u	30%	-
3524 51 19 3524 51 20	Other Audio-visual news or audio-visual views	u	30% 30%	-
324 31 20	 material including news clippings	u	30%	-
3524 51 30	 Children's video films	u	30%	_
3524 51 40	Other video films	u	30%	_
3524 51 90	Other Video minis	u	30%	_
8524 52	Of a width exceeding 4 mm but not exceeding 6.5 mm:		2070	
	 Learning aids:			
3524 52 11	Audio cassettes	u	30%	_
3524 52 12	Video tapes of educational nature	u	30%	-
524 52 19	Other	u	30%	-
3524 52 20	 Audio-visual news or audio-visual views	u	30%	-
	material including news clippings			
3524 52 30	 Children's video films	u	30%	-
3524 52 40	 Other video films	u	30%	-
3524 52 90	 Other	u	30%	-
8524 53	Of a width exceeding 6.5 mm:			
	Learning aids:			
3524 53 11	Audio cassettes	u	30%	-
3524 53 12	Video tapes of educational nature	u	30%	-
3524 53 19	Other	u	30%	-
3524 53 20	Audio-visual news or audio-visual material including news clippings	u	30%	-
3524 53 30	Children's video films	u	30%	-
3524 53 40	Other video films	u	30%	-
3524 53 90	Other	u	30%	-
3524 60 00	Cards incorporating a magnetic stripe	u	30%	-
8524 91	Other: For reproducing phenomena other than			
	sound or image:			
	Software:		400	
3524 91 11	 Information Technology software on floppy	u	10%	-
3524 91 12	 disc or cartridge tape Information Technology software on disc or	u	10%	-
2524 01 12	on CD ROM		1.0.0/	
3524 91 13	Information Technology software on other media		10%	-
524 91 19 524 91 90	Other Other	u	10%	-
8524 91 90	Other:	u	10%	-
3524 99 10	Audio-visual news or audio-visual views material including news clippings	u	30%	-
3524 99 20	 2-D/3D computer graphics	u	30%	_
3524 99 30	 Stamper for CD audio, CD video and CD-ROM	u	30%	-
3524 99 91	Other: Matrices for the production of records; prepared record blanks	u	30%	-
3524 99 99	 Other	u	30%	_
8525	TRANSMISSION APPARATUS FOR RADIO-TELEPHONY, RADIO-	u	3070	
0020	TELEGRAPHY, RADIO-BROADCASTING OR TELEVISION,			
	WHETHER OR NOT INCORPORATING RECEPTION APPARATUS			
	OR SOUND RECORDING OR REPRODUCING APPARATUS;			
	TELEVISION CAMERAS; STILL IMAGE VIDEO CAMERAS AND			
	OTHER VIDEO CAMERA RECORDERS; DIGITAL CAMERAS			
8525 10	Transmission apparatus:			
3525 10 10	Radio broadcast transmitter	u	25%	-
3525 10 20	TV broadcast transmitter	u	25%	-
3525 10 30	Broadcast equipment sub-system	u	25%	-
3525 10 40	 Communication jamming equipment	u	25%	-

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8525 10 50		Wireless microphone	u	25%	-
8525 10 90		Other	u	25%	-
8525 20	-				
		reception apparatus: Two way radio communication equipment:			
8525 20 11		Walkie talkie set	u	15%	_
8525 20 12		Cordless handset	u	15%	_
8525 20 13		Car telephone	u	15%	-
8525 20 14		Transportable telephone	u	15%	-
8525 20 15		Marine radio communication equipment	u	15%	-
8525 20 16 8525 20 17		Amateur radio equipment Cellular telephone	u	15% 15%	-
8525 20 17		Other	u u	15%	-
0323 20 17		Other:	u	1370	
8525 20 91		VSAT terminals	u	15%	_
8525 20 92		Other satellite communication equipment	u	15%	-
8525 20 99		Other	u	15%	-
8525 30 00	-		u	30%	-
8525 40 00	-	Still image video cameras and other video	u	30%	-
8526		camera recorders; digital cameras  RADAR APPARATUS, RADIO NAVIGATIONAL AID APPARATUS			
0320		AND RADIO REMOTE CONTROL APPARATUS			
8526 10 00	_	Radar apparatus	u	30%	_
		Other:			
8526 91		Radio navigational aid apparatus:			
8526 91 10		Direction measuring equipment	u	30%	-
8526 91 20		Instrument landing system	u	30%	-
8526 91 30		Direction finding equipment	u	30%	-
8526 91 40 8526 91 50		Non-directional beacon VHF omni range equipment	u u	30% 30%	-
8526 91 90		Other	u	30%	_
8526 92 00		Radio remote control apparatus	u	30%	-
8527		RECEPTION APPARATUS FOR RADIO-TELEPHONY, RADIO-			
		TELEGRAPHY OR RADIO-BROADCASTING, WHETHER OR NOT			
		COMBINED, IN THE SAME HOUSING, WITH SOUND RECORDING			
		OR REPRODUCING APPARATUS OR A CLOCK			
	-	Radio-broadcast receivers capable of			
		operating without an external source of power, including apparatus capable of receiving also			
		radio-telephony or radio-telegraphy:			
8527 12 00		Pocke-size radio cassette-players	u	30%	_
8527 13 00		Other apparatus combined with sound	u	30%	-
		recording or reproducing apparatus			
8527 19 00		Other	u	30%	-
	-	Radio-broadcast receivers not capable of			
		operating without an external source of power, of a kind used in motor vehicles, including			
		apparatus capable of receiving also radio-			
		telephony or radio-telegraphy:			
8527 21 00		Combined with sound recording or	u	30%	-
		reproducing apparatus			
8527 29 00		Other	u	30%	-
	-	Other radio-broadcast receivers, including			
		apparatus capable of receiving also radio-			
8527 31 00		telephony or radio-telegraphy: Combined with sound recording or	u	30%	_
0527 51 00		reproducing apparatus	u	3070	-
8527 32 00		Not combined with sound recording or	u	30%	_
		reproducing apparatus but combined			
		with a clock			
8527 39 00		Other	u	30%	-
8527 90	-	Other apparatus:			
0507 00 11		Radio communication receivers:		2001	
8527 90 11		Radio pagers	u	30%	-

Tariff Item		Description of goods	Unit	Rate	of duty
				Standard	Preferential
					Areas
(1)		(2)	(3)	(4)	(5)
8527 90 12		Demodulators	u	30%	-
8527 90 19		Other	u	30%	-
8527 90 90		Other	u	30%	-
8528		RECEPTION APPARATUS FOR TELEVISION, WHETHER OR NOT			
		INCORPORATING RADIO-BROADCAST RECEIVERS OR SOUND			
		OR VIDEO RECORDING OR REPRODUCING APPARATUS; VIDEO			
		MONITORS AND VIDEO PROJECTORS			
	-	Reception apparatus for television, whether or			
		not incorporating radio-broadcast receivers or			
		sound or video recording or reproducing			
8528 12		apparatus: Colour :			
8528 12 11		Television set of screen size upto 36 cm	u	30%	_
8528 12 12		Television set of screen size exceeding	u	30%	_
0320 12 12		36 cm but not exceeding 54 cm	u	3070	
8528 12 13		•	u	30%	-
		54 cm but not exceeding 68 cm			
8528 12 14		<u> </u>	u	30%	-
		68 cm but not exceeding 74 cm			
8528 12 15		Television set of screen size exceeding	u	30%	-
		74 cm but not exceeding 87 cm			
8528 12 16		Television set of screen size exceeding	u	30%	-
		87 cm but not exceeding 105 cm			
8528 12 17		Television set of screen size exceeding	u	30%	-
0520 12 10		105 cm		200/	
8528 12 18		Liquid crystal display television set of screen size below 63 cm	u	30%	-
8528 12 1 9		Other	u	30%	_
0320 12 17		Other:	u	3070	_
8528 12 91		Satellite receivers	u	30%	_
8528 12 99		Other	u	30%	-
8528 13		Black and white or other monochrome:			
8528 13 10		Liquid crystal display television set of	u	30%	-
		screen size below 25 cm			
8528 13 90		Other	u	30%	-
		Video monitors:			
8528 21		Colour:			
8528 21 10		Professional monitors for studio use	u	30%	-
9529 21 00		(of resolution 800 lines and above)		200/	
8528 21 90 8528 22 00		Other Black and white or other monochrome	u u	30% 30%	-
8528 30		Video projectors:	u	30%	-
8528 30 10		Colour, with flat panel screen	u	30%	_
8528 30 20		Colour	u	30%	_
8528 30 30		Black and white or other monochorome	u	30%	-
8529		PARTS SUITABLE FOR USE SOLELY OR PRINCIPALLY WITH			
		THE APPARATUS OF HEADINGS 8525 TO 8528			
8529 10	-	Aerials and aerial reflectors of all kinds;			
		parts suitable for use therewith:			
		Dish antenna:			
8529 10 11		For communication jamming equipment	kg.	25%	-
8529 10 12		For amateur radio communication equipment	kg.	25%	-
8529 10 19		Other	kg.	25%	-
9520 10 21		Other aerials or antenna:	ls o	2504	
8529 10 21		For communication jamming equipment	kg.	25%	-
8529 10 22 8529 10 29		For amateur radio communication equipment Other	kg. kg.	25% 25%	-
0.527 10 29		Other:	ĸg.	23/0	
8529 10 91		For communication jamming equipment	kg.	25%	_
8529 10 92		For amateur radio communication equipment	kg.	25%	-
8529 10 99		Other	kg.	25%	-
			_		

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential
					Areas
(1)		(2)	(3)	(4)	(5)
8529 90	_	Other:			
8529 90 10		For communication jamming equipment	kg.	25%	_
8529 90 20		For amateur radio communication equipment	kg.	25%	_
8529 90 90		Other	kg.	25%	-
8530		ELECTRICAL SIGNALLING, SAFETY OR TRAFFIC CONTROL EQUIPMENT FOR RAILWAYS, TRAMWAYS, ROADS, INLAND WATERWAYS, PARKING FACILITIES, PORT INSTALLATIONS OR			
		airfields (other than those of heading $8608$ )			
8530 10		Equipment for railways or tramways:			
8530 10 10		For railways	u	25%	-
8530 10 20		For tramways	u	25%	-
8530 80 00		Other equipment	u	25%	-
8530 90 00	-	Parts	kg.	25%	-
8531		Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading $8512$ or			
		8530			
8531 10		Burglar or fire alarms and similar apparatus:		200	
8531 10 10		Burglar alarm	u	30%	-
8531 10 20		Fire alarm	u	30%	-
8531 10 90		Other	u	30%	-
8531 20 00		Indicator panels incorporating liquid crystal devices (LCD) or light emitting diodes (LED)	u	15%	-
8531 80 00		Other apparatus	u	30%	-
8531 90 00	-	Parts	kg.	30%	-
8532		ELECTRICAL CAPACITORS, FIXED, VARIABLE OR ADJUSTABLE (PRE-SET)			
8532 10 00		Fixed capacitors designed for use in 50 or 60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar (power capacitors)	kg	15%	-
8532 21 00		Other fixed capacitors: Tantalum	kα	Free	
8532 21 00		Aluminium electrolytic	kg. kg.	15%	_
8532 22 00		Ceramic dielectric, single layer	kg.	15%	_
8532 24 00		Ceramic dielectric, multilayer	kg.	Free	_
8532 25 00		Dielectric of paper or plastics	kg.	15%	_
8532 29		Other:		10 /0	
8532 29 10		Of dielectric of mica	kg.	15%	-
8532 29 90		Other	kg.	15%	-
8532 30 00	-	Variable or adjustable (pre-set) capacitors	kg.	15%	-
8532 90 00		Parts	kg.	Free	-
8533		ELECTRICAL RESISTORS (INCLUDING RHEOSTATS AND POTENTIOMETERS), OTHER THAN HEATING RESISTORS			
8533 10 00	-	Fixed carbon resistors, composition or film types	kg.	15%	-
	-	Other fixed resistors:			
8533 21		For a power handling capacity not exceeding 20 W: Of bare wire:			
8533 21 11		Of nichrome	kg.	15%	-
8533 21 19		Other	kg.	15%	_
		Of insulated wire:	0		
8533 21 21		Of nichrome	kg.	15%	_
8533 21 29		Other	kg.	15%	_
8533 29		Other:	0		
		Of bare wire:			
8533 29 11		Of nichrome	kg.	15%	-
8533 29 19		Other	kg.	15%	-
		Of insulated wire:			
8533 29 21		Of nichrome	kg.	15% 15%	-
8533 29 29		Other	kg.		

Tariff Item		Description of goods	Unit	Rate	of duty
				Standard	Preferential
(1)		(2)	(3)	(4)	Areas (5)
		. ,	(5)	(.)	(5)
	-	Wirewound variable resistors, including rheostats and potentiometers:			
8533 31		For a power handling capacity not exceeding 20 W:			
8533 31 10		Potentiometers	kg.	15%	-
8533 31 20		Rheostats	kg.	15%	-
8533 31 90		Other	kg.	15%	-
8533 39		Other:			
8533 39 10		Potentiometers	kg.	15%	-
8533 39 20		Rheostats	kg.	15%	-
8533 39 90 8533 40		Other Other variable resistors, including rheostats and potentiometers:	kg.	15%	-
8533 40 10		Potentiometers.	kg.	15%	_
8533 40 10		Rheostats	kg.	15%	-
8533 40 30		Thermistors	kg.	15%	-
8533 40 90		Other	kg.	15%	-
8533 90 00	-	Parts	kg.	Free	-
8534 00 00		Printed circuits	kg.	15%	-
8535		ELECTRICAL APPARATUS FOR SWITCHING OR PROTECTING ELECTRICAL CIRCUITS, OR FOR MAKING CONNECTIONS TO OR IN ELECTRICAL CIRCUITS (FOR EXAMPLE, SWITCHES,			
		fuses, lightning arresters, voltage limiters, surge suppressors, plugs, junction boxes), for a voltage exceeding $1{,}000$ volts			
8535 10		Fuses:			
8535 10 10		For switches having rating upto 15 amps, rewireable	kg.	25%	-
8535 10 20		For switches having rating above 15 amps, high rupturing capacity or rewireable	kg.	25%	-
8535 10 30		Other rewireable fuses	kg.	25%	-
8535 10 40		Other high rupturing capacity fuses	kg.	25%	-
8535 10 50 8535 10 90		Fuses gear Other	kg.	25% 25%	-
6555 10 90		Automatic circuit breakers:	kg.	2370	-
8535 21		For a voltage of less than 72.5 kV: SF6 circuit breakers:			
8535 21 11		For a voltage of 11 kV	kg.	25%	-
8535 21 12		For a voltage of 33 kV	kg.	25%	-
8535 21 13		For a voltage of 66 kV	kg.	25%	-
8535 21 19		Other	kg.	25%	-
		Vacuum circuit breakers :			
8535 21 21		For a voltage of 11 kV	kg.	25%	-
8535 21 22		For a voltage of 33 kV	kg.	25%	-
8535 21 23		For a voltage of 66 kV	kg.	25%	-
8535 21 29 8535 21 90		Other Other	kg.	25% 25%	-
8535 21 90		Other:	kg.	2370	-
0333 27		SF6 circuits breakers:			
8535 29 11		For a voltage of 132 kV	kg.	25%	_
8535 29 12		For a voltage of 220 kV	kg.	25%	-
8535 29 13		For a voltage of 400 kV	kg.	25%	-
8535 29 19		Other	kg.	25%	-
		Vacuum circuit breakers:			
8535 29 21		For a voltage of 132 kV	kg.	25%	-
8535 29 22		For a voltage of 220 kV	kg.	25%	-
8535 29 23		For a voltage of 400 kV	kg.	25%	-
8535 29 29		Other	kg.	25%	-
8535 29 90		Other	kg.	25%	-
8535 30 10		Isolating switches and make-and-break switcher		250/	
8535 30 10 8535 30 90		Of plastic Other	kg. kg.	25% 25%	-
0000 00 00		O LINCI	ĸξ.	45/0	=

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8535 40	-	Lightning arresters, voltage limiters and surge suppressors:			
8535 40 10		Lightning arresters	kg.	25%	-
8535 40 20		Voltage limiters	kg.	25%	-
8535 40 30		Surge suppressors	kg.	25%	-
8535 90		Other:		2-01	
8535 90 10		Motor starters for AC motors	kg.	25%	-
8535 90 20 8535 90 30		Control gear and starters for DC motors Other control and switchgears	kg.	25% 25%	-
8535 90 30		Junction boxes	kg. kg.	25%	-
8535 90 40		Other	kg.	25%	-
8536		ELECTRICAL APPARATUS FOR SWITCHING OR PROTECTING ELECTRICAL CIRCUITS, OR FOR MAKING CONNECTIONS TO OR IN ELECTRICAL CIRCUITS (FOR EXAMPLE, SWITCHES, RELAYS, FUSES, SURGE SUPPRESSORS, PLUGS, SOCKETS, LAMP-HOLDERS, JUNCTION BOXES), FOR A VOLTAGE NOT EXCEEDING 1.000 VOLTS	Мъ.	23 %	
8536 10	-	Fuses:			
8536 10 10		For switches having rating upto 15 amps, rewireable	kg.	30%	-
8536 10 20		For switches having rating above 15 amps, high rupturing capacity or rewireable	kg.	30%	-
8536 10 30		Other rewireable fuses	kg.	30%	-
8536 10 40		Other high rupturing capacity fuses	kg.	30%	-
8536 10 50		Fuses gear	kg.	30%	-
8536 10 60		Electronic fuses Other	kg.	30%	-
8536 10 90 8536 20		Automatic circuit breakers:	kg.	30%	-
8536 20 10		Air circuit breakers	kg.	30%	_
8536 20 20		Moulded case circuit breakers	kg.	30%	_
8536 20 30		Miniature circuit breakers	kg.	30%	_
8536 20 40		Earth leak circuit breakers	kg.	30%	-
8536 20 90		Other	kg.	30%	-
8536 30 00		Other apparatus for protecting electrical circuits <i>Relays:</i>	kg.	30%	-
8536 41 00		For a voltage not exceeding 60 V	kg.	30%	-
8536 49 00		Other	kg.	30%	-
8536 50	-	Other switches:			
8536 50 10		Control and switch gears	kg.	30%	-
8536 50 20		Other switches of plastic	kg.	30%	-
8536 50 90	-	Other  Lamp-holders, plugs and sockets:	kg.	30%	-
8536 61 8536 61 10		Lamp-holders: Of plastic	kα	30%	
8536 61 90		Of other materials	kg. kg.	30%	-
8536 69		Other:		2070	
8536 69 10		Of plastic	kg.	30%	-
8536 69 90		Of other materials	kg.	30%	-
8536 90	-	Other apparatus:			
8536 90 10		Motor starters for AC motors	kg.	30%	-
8536 90 20		Motor starters for DC motors	kg.	30%	-
8536 90 30		Junction boxes	kg.	30%	-
8536 90 90 <b>8537</b>		Other BOARDS, PANELS, CONSOLES, DESKS, CABINETS AND OTHER BASES, EQUIPPED WITH TWO OR MORE APPARATUS OF HEADING 8535 OR 8536, FOR ELECTRIC CONTROL OR THE DISTRIBUTION OF ELECTRICITY, INCLUDING THOSE INCORPORATING INSTRUMENTS OR APPARATUS, OF CHAPTER 90, AND NUMERICAL CONTROL APPARATUS, OTHER THAN	kg.	30%	-
8537 10 00	_	SWITCHING APPARATUS OF HEADING 8517 For a voltage not exceeding 1,000 V	kg.	30%	_
0001 10 00	-	For a voltage exceeding 1,000 V	kg.	25%	-

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential
					Areas
(1)		(2)	(3)	(4)	(5)
8538		Parts suitable for use solely or principally with the apparatus of headings 8535, 8536 or 8537			
8538 10	-	Boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537,			
0520 10 10		not equipped with their apparatus:	1	200/	
8538 10 10 8538 10 90		For industrial use Other	kg. kg.	30% 30%	-
8538 90 00		Other	kg.	30%	-
8539		ELECTRIC FILAMENT OR DISCHARGE LAMPS, INCLUDING SEALED BEAM LAMP UNITS AND ULTRA-VIOLET OR INFRA- RED LAMPS; ARC-LAMPS	κς.	30 70	
8539 10 00		Sealed beam lamp units Other filament lamps, excluding ultra-violet	u	30%	-
8539 21		or infra-red lamps: Tungsten halogen: Other:			
8539 21 10		Miniature halogen lamps with fittings	u	30%	_
8539 21 20		Other for automobiles	u	30%	-
8539 21 90		Other	u	30%	-
8539 22 00		Other, of a power not exceeding 200 W and for a voltage exceeding 100 V	u	30%	-
8539 29		Other:		200/	
8539 29 10		Of retail sale price not exceeding rupees 20 per bulb	u	30%	-
8539 29 20		Bulb, for torches	u	30%	-
8539 29 30		Miniature bulbs	u	30%	-
8539 29 40 8539 29 90		Other for automobile lamps Other	u u	30% 30%	-
8539 29 90	-	Discharge lamps, other than ultra-violet lamps Fluorescent, hot cathode:		30 70	-
8539 31 10		Compact fluorescent lamps	u	30%	_
8539 31 90		Other	u	30%	-
8539 32		Mercury or sodium vapour lamps; metal halide lamps:			
8539 32 10		Mercury vapour lamps	u	30%	-
8539 32 20		Sodium vapour lamps	u	30%	-
8539 32 30		Metal halide lamps	u	30%	-
8539 39 8539 39 10		Other: Energy efficient triphosphor fluorescent	u	30%	-
8539 39 90		Other	u	30%	-
8539 41 00		Ultra-violet or infra-red lamps; arc-lamps : Arc-lamps	u	30%	
8539 49 00		Other	u	30%	-
8539 90		Parts:	-	/ -	
8539 90 10		Parts of fluorescent tube lamps	kg.	30%	-
8539 90 20		Parts of arc-lamps	kg.	30%	-
8539 90 90 <b>8540</b>		Other THERMIONIC, COLD CATHODE OR PHOTO-CATHODE VALVES	kg.	30%	-
		AND TUBES (FOR EXAMPLE, VACUUM OR VAPOUR OR GAS FILLED VALVES AND TUBES, MERCURY ARC RECTIFYING VALVES			
	-	AND TUBES, CATHODE-RAY TUBES, TELEVISION CAMERA TUBES)  Cathode-ray television picture tubes, including			
		video monitor cathode-ray tubes:			
8540 11		Colour:			
8540 11 10		Television picture tubes of 20" and 21" size, except 21" flat and full square	u	30%	-
9540 11 20		(F and FST) colour TV picture tubes	77	200/	
8540 11 20 8540 11 90		Video monitor cathode-ray tubes Other	u	30% 30%	-
8540 11 90		Black and white or other monochrome	u u	25%	-
12 00		and white of other monochrome		_5 /0	

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8540 20 00	-	Television camera tubes; image converters and intensifiers; other photos-cathode tubes	u	25%	-
8540 40 00	-	Data or graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0.4 mm	u	Free	-
8540 50 00	-	Data or graphic display tubes, black and white or other monochrome	u	25%	-
8540 60 00		Other cathode-ray tubes Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes:	u	25%	-
8540 71 00		Magnetrons	u	25%	-
8540 72 00		Klystrons	u	25%	_
8540 79 00		Other valves and tubes:	u	25%	-
8540 81 00		Receiver or amplifier valves and tubes	u	25%	_
8540 89 00		Other  Parts:	u	25%	-
8540 91 00		Of cathode-ray tubes	kg.	30%	_
8540 99 00		Other	kg.	25%	_
8541		DIODES, TRANSISTORS AND SIMILAR SEMI-CONDUCTOR DEVICES; PHOTOSENSITIVE SEMI-CONDUCTOR DEVICES, INCLUDING PHOTOVOLTAIC CELLS WHETHER OR NOT ASSEMBLED IN MODULES OR MADE UP INTO PANELS; LIGHT EMITTING DIODES; MOUNTED PIEZO-ELECTRIC CRYSTALS	Ng.	23 %	
8541 10 00		Diodes, other than photosensitive or light emitting diodes  Transistors, other than photosensitive transistors:	u	15%	-
8541 21 00		With a dissipation rate of less than 1 W	u	15%	_
8541 29 00		Other	u	15%	_
8541 30		Thyristors, diacs and triacs, other than photosensitive devices:	u	13 /0	
8541 30 10		Thyristors	u	15%	-
8541 30 90		Other	u	15%	_
8541 40	-	Photosensitive semi-conductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light emitting diodes:  Photocells:	ū	10 /0	
8541 40 11		Solar cells whether or not assembled in modules or panels	u	15%	-
8541 40 19		Other	u	15%	_
8541 40 20		Light emitting diodes (electro-luminescent)	u	15%	_
8541 40 90		Other	u	15%	-
8541 50 00		Other semi-conductors devices	u	15%	_
8541 60 00		Mounted piezo-electric crystals	u	15%	_
8541 90 00		Parts	kg.	Free	_
<b>8542</b> 8542 10		ELECTRONIC INTEGRATED CIRCUITS AND MICRO-ASSEMBLIE Cards incorporating an electronic integrated	_	1100	
		circuit ("smart" cards):			
8542 10 10		SIM cards	u	Free	-
8542 10 20		Memory cards	u	Free	-
8542 10 90	-	Other Monolithic integrated circuits:	u	Free	-
8542 21 00		Digital	u	Free	-
8542 29		Other:			
8542 29 10		Cards incorporating only a single electronic integrated circuit with optical strip	u	Free	-
8542 29 90		Other	u	Free	-
8542 60 00	_	Hybrid integrated circuits	u	Free	-
8342 00 00		Electronic microassemblies			

Tariff Item		Description of goods	Unit	Rate	of duty
				Standard	Preferential
				~	Areas
(1)		(2)	(3)	(4)	(5)
8542 90 00	_	Parts	kg.	Free	_
8543		ELECTRICAL MACHINES AND APPARATUS HAVING INDIVIDUAL		1100	
		FUNCTIONS, NOT SPECIFIED OR INCLUDED ELSEWHERE IN			
		THIS CHAPTER			
	-	Particle accelerators:			
8543 11 00		Ion implanters for doping semi-conductor	u	Free	-
		materials			
8543 19		Other:			
8543 19 10		Vane graff, cock-croft, walton accelerators	u	25%	-
8543 19 20		Synchrocyclotrons, synchrotrons	u	25% 25%	-
8543 19 90 8543 20		Other including cyclotrons  Signal generators:	u	23%	-
8543 20 10		Sweep generators	u	25%	_
8543 20 20		Impulse generators	u	25%	-
8543 20 30		Tacho generators	u	25%	_
8543 20 90		Other	u	25%	_
8543 30 00	_	Machines and apparatus for electroplating,	u	25%	-
		electrolysis or electrophoresis			
8543 40 00	-	Electric fence energisers	u	30%	-
	-	Other machines and apparatus:			
8543 81 00		Proximity cards and tags	u	15%	-
8543 89		Other:			
8543 89 10		Metal detectors	u	30%	-
8543 89 20		Mine detectors	u	30%	-
		Audio special effect equipments:			
8543 89 31		Digital reverberators	u	30%	-
8543 89 32		Mixing systems or consoles	u	30%	-
8543 89 39		Other	u	30%	-
8543 89 41		Video special effect equipments: Video mixing system or consoles		30%	
8543 89 42		Video effect system	u	30%	-
8543 89 43		Digital layering machine	u u	30%	-
8543 89 44		Paint box	u	30%	_
8543 89 45		Video typewriter	u	30%	_
8543 89 46		Video matting machines	u	30%	-
8543 89 49		Other	u	30%	-
		Edit control unit:			
8543 89 51		Computerised editing system controlling more	u	30%	-
		than three video editing machines			
8543 89 52		Other video control units	u	30%	-
8543 89 59		Other	u	30%	-
8543 89 60		Colour correctors	u	30%	-
0542 00 51		Amplifier:		200/	
8543 89 71		Broadcast amplifier	u	30%	-
8543 89 72		Limiting amplifier, video distribution	u	30%	-
8543 89 79		amplifier and stabilising amplifiers Other		30%	
0343 09 19		Graphic equaliser and synthesised receivers:	u	30 %	-
8543 89 81		Graphic equalisers	u	30%	_
8543 89 82		Synthesised receivers	u	30%	_
		Other:			
8543 89 91		RF (radio frequency) power amplifiers and	u	30%	-
		noise generators for communication jamming			
		equipment, static or mobile or manportable			
8543 89 92		Equipment or gadgets based on solar energy	u	30%	-
8543 89 93		Professional beauty care equipment	u	30%	-
8543 89 94		Audio video stereo encoders	u	30%	-
8543 89 95		Time code generator	u	30%	-
8543 89 99		Other	u	30%	-
8543 90 00	-	Parts	kg.	25%	-

Tariff Item		Description of goods	Unit	Rate	of duty
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8544	_	Insulated (including enamelled or anodised) wire, cable (including co-axial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors <i>Winding wire</i> :			
8544 11		Of copper:			
8544 11 10		Enamelled	kg.	30%	-
8544 11 90		Other	kg.	30%	-
8544 19		Other:			
8544 19 10		Asbestos covered	kg.	30%	-
8544 19 20		Plastic insulated	kg.	30%	-
8544 19 30		Rubber insulated	kg.	30%	-
8544 19 90		Other	kg.	30%	-
8544 20	-	Co-axial cable and other co-axial electric			
8544 20 10		conductors: Co-axial cable	kg.	30%	_
8544 20 90		Other	kg.	30%	
8544 30 00		Ignition wiring sets and other wiring sets	kg.	30%	-
0344 30 00		of a kind used in vehicles, aircraft or ships Other electric conductors, for a voltage	ĸg.	3070	
0511.11		not exceeding 80 V:			
8544 41		Fitted with connectors:			
0544 41 11		Telephone cables:		200/	
8544 41 11		Dry core paper insulated	kg.	30%	-
8544 41 19		Other	kg.	30%	-
8544 41 20		Paper insulated	kg.	30%	-
8544 41 30 8544 41 40		Plastic insulated Rubber insulated	kg.	30% 30%	-
8544 41 90		Other	kg.	30%	-
8544 49		Other:	kg.	30 70	-
		Telephone cables:			
8544 49 11		Dry core paper insulated	kg.	30%	-
8544 49 19		Other	kg.	30%	-
8544 49 20		Paper insulated cables	kg.	30%	-
8544 49 30		Plastic insulated cables and flexes	kg.	30%	-
8544 49 90		Other	kg.	30%	-
8544 51		Other electric conductors, for a voltage exceeding 80 V but not exceeding 1,000 V: Fitted with connectors:			
8544 51 10		Paper insulated	kg.	30%	_
8544 51 20		Plastic insulated, of a kind used for	kg.	30%	-
0311 31 20		telecommunication	νь.	3070	
8544 51 30		Other plastic insulated	kg.	30%	-
8544 51 40		Rubber insulated of a kind used for telecommunication	kg.	30%	-
8544 51 50		Other rubber insulated	kg.	30%	-
8544 51 90		Other	kg.	30%	-
8544 59		Other:	,	200/	
8544 59 10		Paper insulated	kg.	30%	-
8544 59 20		Plastic insulated of a kind used for	kg.	30%	-
8544 59 30		telecommunication Other plastic insulated	kg.	30%	
8544 59 40		Rubber insulated of a kind used for telecommunication	kg.	30%	-
8544 59 50		Other rubber insulated	kg.	30%	-
8544 59 90		Other	kg.	30%	-
8544 60		Other electric conductors, for a voltage exceeding 1000 V:	0		
8544 60 10		Paper insulated	kg.	30%	-

Tariff Item		Description of goods	Unit	Rate of duty	
				Standard	Preferential Areas
(1)		(2)	(3)	(4)	(5)
8544 60 20		Plastic insulated	kg.	30%	-
8544 60 30		Rubber insulated	kg.	30%	-
8544 60 90		Other	kg.	30%	-
8544 70	-	Optical fibre cables:	_		
8544 70 10		Lead alloy sheathed cables for lighting purposes	kg.	15%	-
8544 70 90		Other	kg.	15%	-
8545	_	CARBON ELECTRODES, CARBON BRUSHES, LAMP CARBONS, BATTERY CARBONS AND OTHER ARTICLES OF GRAPHITE OR OTHER CARBON, WITH OR WITHOUT METAL, OF A KIND USED FOR ELECTRICAL PURPOSES Electrodes:			
8545 11 00		Of a kind used for furnaces	kg.	25%	_
		Other			_
8545 19 00			kg.	25%	-
8545 20 00		Brushes	kg.	25%	-
8545 90		Other:			
8545 90 10		Arc-lamp carbon	kg.	25%	-
8545 90 20		Battery carbon	kg.	25%	-
8545 90 90		Other	kg.	25%	-
8546		ELECTRICAL INSULATORS OF ANY MATERIAL			
8546 10 00	-	Of glass	kg.	25%	-
8546 20	-	Of ceramics:			
		Porcelain discs and strings:			
8546 20 11		Porcelain below 6.6 kV	kg.	25%	_
8546 20 19		Other	kg.	25%	_
0340 20 17			ĸg.	23 /0	_
9546 20 21		Porcelain post insulators:	1	250/	
8546 20 21		Below 6.6 kV	kg.	25%	-
8546 20 22		6.6 kV or above but upto 11 kV	kg.	25%	-
8546 20 23		Above 11 kV but upto 66 kV	kg.	25%	-
8546 20 24		Above 66 kV but upto 132 kV	kg.	25%	-
8546 20 29		Above 132 kV	kg.	25%	-
		Porcelain pin insulators:			
8546 20 31		Below 6.6 kV	kg.	25%	-
8546 20 32		6.6 kV or above but up to 11 kV	kg.	25%	-
8546 20 33		Above 11 kV but upto 66 kV	kg.	25%	-
8546 20 39		Above 66 kV	kg.	25%	_
8546 20 40		Other high tension procelain solid core	kg.	25%	_
03 10 20 10		insulators	ĸs.	2370	
8546 20 50		Other low tension procelain insulators including telegraph and telephone insulators	kg.	25%	-
8546 20 90		Other	kg.	25%	_
8546 90	_	Other:	U		
8546 90 10		Heat shrinkable components	kg.	25%	_
8546 90 90		Other	kg.	25%	_
8547		Insulating fittings for electrical machines,	ĸs.	2370	
0347					
		APPLIANCES OR EQUIPMENT, BEING FITTINGS WHOLLY OF			
		INSULATING MATERIAL APART FROM ANY MINOR COMPONENTS			
		OF METAL (FOR EXAMPLE, THREADED SOCKETS)			
		INCORPORATED DURING MOULDING SOLELY FOR THE PURPOSES			
		OF ASSEMBLY, OTHER THAN INSULATORS OF HEADING 8546;			
		ELECTRICAL CONDUIT TUBING AND JOINTS THEREFOR, OF			
		BASE METAL LINED WITH INSULATING MATERIAL			
8547 10	-	Insulating fittings of ceramics:			
8547 10 10		Porcelain bushing below 6.6 kV	kg.	25%	-
8547 10 20		Porcelain bushings for voltage 6.6 kV or above	kg.	25%	-
		but below 11 kV			
8547 10 30		Porcelain bushings for voltage 11 kV or above	kg.	25%	-
		but upto 66 kV	-		
8547 10 40		Porcelain bushings for voltage 66 kV or above	kg.	25%	-
8547 10 90		Other	kg.	25%	_
001, 10 70				20/0	

Tariff Item	Description of goods	Unit	Rate	Rate of duty		
			Standard	Preferential Areas		
(1)	(2)	(3)	(4)	(5)		
8547 20 00 8547 90	- Insulating fittings of plastics - Other:	kg.	25%	-		
8547 90 10	Electrical insulating fittings of glass	kg.	25%	_		
8547 90 20	Electrical conduit tubing and joints therefor, of base metal lined with insulating material	kg.	25%	-		
8547 90 90 <b>8548</b>	Other Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators; electrical parts of machinery or apparatus, not specified or included elsewhere in this Chapter	kg.	25%	-		
8548 10	<ul> <li>Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators:</li> </ul>					
8548 10 10	Battery scrap, namely the following: lead battery plates covered by ISRI code word Rails; battery lugs covered by ISRI code word Rakes.	kg.	30%	-		
8548 10 20	Battery waste, namely the following: Scrap drained or dry while intact, lead batteries covered by ISRI code word Rains; scrap wet whole intact lead batteries covered by ISRI code word Rink; scrap industrial intact lead cells covered by ISRI code word Rono; scrap whole intact industrial lead batteries covered by ISRI code word Roper; edison batteries covered by ISRI code word Vaunt	kg.	30%	-		
8548 10 90	Other waste and scrap	kg.	30%	-		
8548 90 00	- Other	kg.	30%	-		