

Dagangan : ELECTRO-OPTICAL CONVERTER

Nama Barangan : Network Terminator, Part and
Accessory Of Residential
Gateway

Jenama : Genesis

Model : Network Termination Element -
P1090

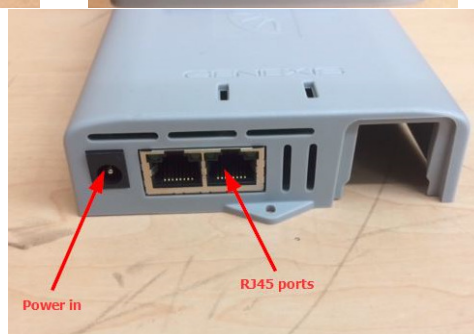
Kod Tarif (Perintah Duti Kastam 2012) :

8517.62 390

Tarikh Kelulusan : 18 Februari 2015

Berdasarkan maklumat barangan dikenali sebagai *network terminator*. Ia adalah sejenis *digital telecommunication networking devices*. Ia di import dalam bentuk barang siap. Komposisi barangan ialah terdiri daripada WAN *single fibre SC port*, *power port*, petunjuk LED dan LAN *RJ-45 port*.

Barangan berbentuk seperti gambarajah di bawah.



Maklumat spesifikasi barangan ialah:

- Dimension (HxWxD) : 223x104x45mm
- Weight : 200 g
- Power supply : 12 Vdc +- 10%

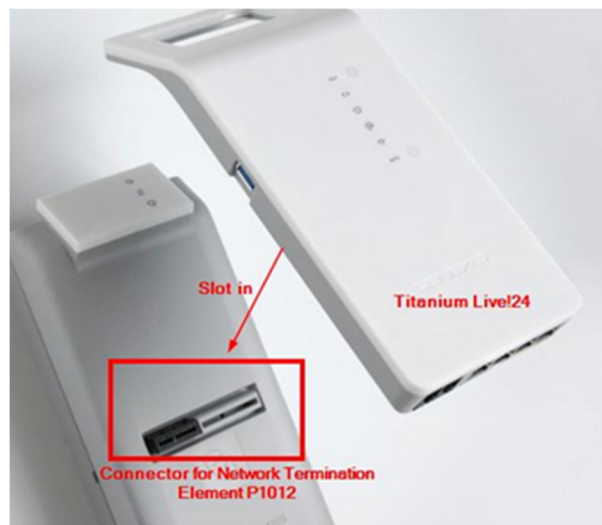
Fungsi utama *Network terminator* ialah:-

Barangan mempunyai 2 interface : *fiber optic interface where the ISP (Internet Service Provider) will connect their fiber cable, and a RJ45 interface where the customer will use it to connect to their own wireless router to use.*

P1090 here act as a media converter where it converts the fiber optic signal from ISP to a copper RJ45 interface, where the RJ45 interface will be use to connect to a third party wireless router or PC. Without the third party device, P1090 will not perform any functionality. Disini maknanya barangan akan convert dari optical signal ke analog signal.

The P1090 has no other intelligent feature on it (eg. Wireless, telephony feature), what is do is just receiving the optical signal from the fiber cable, and these signal will be convert to electrical signal can carried over through the RJ45 interface.

Barangan merupakan aksesori atau part kepada *Titanium Residential Gateway* dan digunakan sebagai *connection point*. Barangan seperti gambarajah di bawah:



Menurut risalah, barangan dilengkapi dengan ciri-ciri seperti berikut;

- *Cost effective network termination*
- *Supports gigabit and 100Mbps fiber uplinks*
- *Provides ethernet connectivity for one device*
- *Powers universe-CATV & hybrid live*
- *IEEE 802.3ah OAM fault management*
- *Fully compatible with universe FTU*
- *Optional element masque to cover element, smoothen the design and enable customer branding*
- *Direct-wall mounting optional*

Barangan ini sesuai diperjeniskan di bawah no. kod tarif **8517.62. 390** **sebagai other apparatus for carrier-current line systems.....** berdasarkan fakta-fakta dan keterangan di atas.

Barangan mendapat liputan di dalam EN 2012 muka surat XVI-8517-1 seperti berikut:-

85.17 - Telephone sets, including telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of heading 84.43, 85.25, 85.27 or 85.28.

85.17.62 - - Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus:

Other apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network):

8517.62 - - Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus.

.....

(G) Other communication apparatus.

This group includes apparatus which allows for the connection to a wired or wireless communication network or the transmission or reception of speech or other sounds, images or other data within such a network.

Communication networks include, inter alia, carrier-current line systems, digital-line systems and combinations thereof. They may be configured, for example, as public switched telephone networks, Local Area Networks (LAN), Metropolitan Area Networks (MAN) and Wide Area Networks (WAN), whether proprietary or open architecture.

(1) - (3)

(4) *Multiplexers and related line equipment (e.g., transmitters, receivers or electro-optical converters).*