

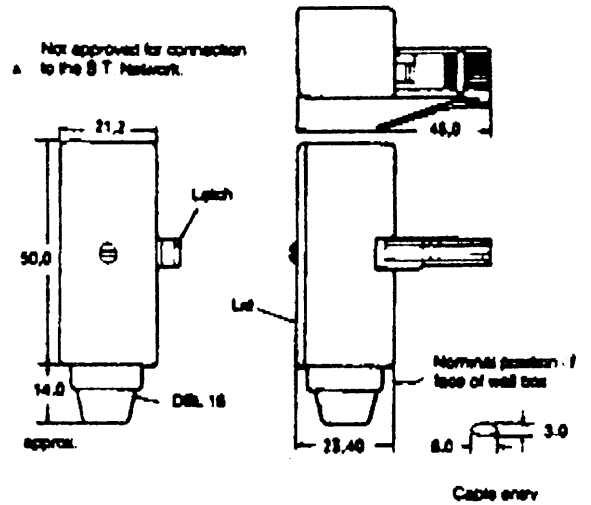
Pluggable Telephone Connectors

146-981 + 146-982

Accessories

Plug screw terminal

This plug can be attached to any wire or cable by the use of a small electrical screwdriver. The terminals are contained in a small box with a lid which is secured by a single screw. The terminals will take a 207A BT tag barrel so that this plug can be attached to existing telephones with round cordage. The plug is supplied with a DSL 16 grommet at the cable exit point for neatness and cable protection. The grommet can be removed when used with cords having an attached grommet. A small cable tie is provided with each plug which when applied to the incoming cable inside the box, provides strain relief. Note: Not approved for connection to the BT network.



Specification and performance data

Mechanical

Durability: 1000 operations
 Snatch out and still retain: 10 times
 Engagement force: 4-way 10 N Max
 6-way 15 N Max
 Plug retention in socket: 50 N
 Safety: British standard test finger No. 1 to BS 3042 will not enter into the socket for enough to touch contacts

Electrical

Max. current: 2.5 A per contact depending on cordage and climatic conditions
 Max. working voltage: 350 Vd c.
 Insulation resistance: 100 MΩ at 500 Vd c.
 Circuit resistance*: 100 mΩ max (tinsel) or 40 mΩ max (stranded TACW) with 20 mΩ max rise after conditioning

* Contact resistance plus bulk resistance of contacts and 75 mm of cord

Care to be taken to avoid 'live plug' for safety reasons

Environmental

Dry heat: 500 hours at 70°C
 Damp heat: 21 days
 Thermal shock: 5 cycles +70°C to -25°C

N.B. Resistant to most domestic and industrial cleaners

Material

Contact: Copper alloy
 Mouldings: Thermoplastic polyester to UL94V-0
 Contact plating: Gold
 Line jack units: ABS
 Cordage: PVC sheathed PVC insulated, tinsel or stranded TACW

Ordering Information

Description	Order code
6-way	900-71005F
4-way	900-71006C