

ITT CANNON

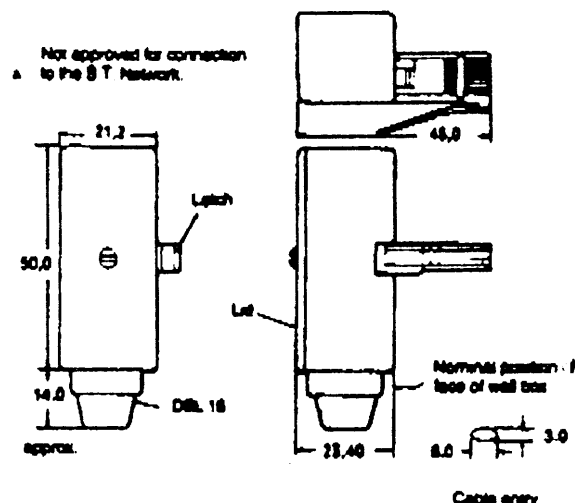
Pluggable Telephone Connectors

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