



Intraplex® OCU-DP

Office Channel Unit Data Port Module



The OCU-DP is a single-slot channel module designed for use in the Intraplex terminal and drop-and-insert multiplexers and other Intraplex communications products. The OCU-DP provides the interface between a DS0 timeslot of the T-carrier data stream and the 4-wire metallic loop extending to a midspan DDS repeater or the customer premises. The card transmits and receives data at a rate of **56** or **64** kbps.

The OCU-DP is remote-controllable when installed in an Intraplex shelf. The module parameters can be configured remotely or locally via DIP switches.

Key Features

Local/Remote Use	DIP switches or remote control
Zero code suppression	Ensures pulse density for an AMI T1 data stream
Latched loopback	Enables loopback response capability for the OCU-DP
Conformance	AT&T, ANSI and Bellcore specifications

Specifications

Specifications and designs are subject to change without notice

Operational	
ANSI T1.410	Metallic interface
AT&T TR62310	DS0 digital local channel interface
Bellcore TA-TSY-000077	Dataport channel unit functions
Baud rate	56/64kbps
OCU-DP Channel Loopback	Responds to code from CO to reverse loop current thereby causing customer equipment to loopback signal to OCU-DP. Latching loopbacks supported only.
OCU Loopback	Responds to code from CO to loop 4 wire circuit back to CO on output of OCU-DP. Latching loopbacks supported only.
OCU Cable Loss	Up to 45 dB
Interface connector	RJ-48S
Environmental	
ANSI C37.90 – 1989	Service conditions
Operating Temperature	-20 C to +55 C
Storage Temperature	-40 C to +75 C
Humidity	95% at 40 C, non-condensing
SWC/Fast Transient	
ANSI C37.90 – 1989	Dielectric
ANSI C37.90.1 – 1989	SWC and fast transient
RFI Susceptibility	
ANSI	C37.90.2 – 35 V/M
System Performance	
Power consumption	2 watts nominal
MTBF	>500,000 hours at 25 C