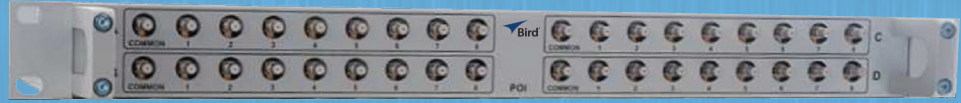




Point of Interconnect Unit



The RF Experts

The Point of Interconnect Unit (POI) is used to interconnect all RF paths in a Fiber-DAS head-end system. The unit consists of four strips of splitter/combiner ports with one common and 8 isolated ports in each strip.

The unit is used to interconnect between the base station interface unit and the fiber optic interface and to split the signal on to several fiber-optic interfaces (FOI).

RF SPECIFICATIONS

Bandwidth		650-2200 MHz
Isolation between ports in same strip > 15 dB		> 15 dB
Isolation between ports in different strip		> 50 dB
Impedance		50 Ohm
Insertion loss	DIU301/DIU302	37/21 dB
VSWR		< 1.25:1
Maximum input RF power		20 dBm

* Note: D14302 is for use in back to back configuration (combine - split)

INTERFACE SPECIFICATIONS

Connector type	QMA Female
Splitters	4 pcs
Splitter type	1:8

INTERFACE SPECIFICATIONS

Weight	2 kg
Operation temperature	-25 to +55 °C
Size	1U 19" Rack

