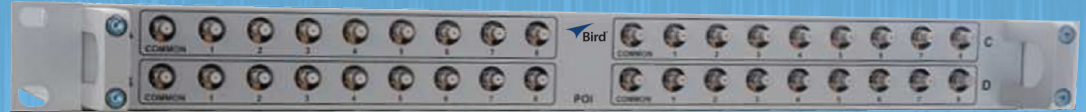




Splitter/Combiner Panel

POI Series



The RF Experts

The Splitter/Combiner panel 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	88-2700 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 typical
VSWR	< 1.25:1
Maximum input RF power	20 dBm

* Note: DIU302 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

Model Numbers

DIU301	High loss
DIU302	Low loss for back to back configuration

