

## Q: How to setup Back-to-Back on BiPAC 8500 / BiPAC 8520

**Step 1:** Back-to-back connects two SHDSL devices without using SHDSL DSLAM. Set device A and device B to be **CO** and **CPE**, respectively. Go to Web GUI / [Configuration / WAN / SHDSL](#).

Make sure the Annex Type is identically set in both devices.

Device A:

SHDSL	
Parameters	
4-Wired Connection	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Mode	CO
Annex Type	Annex_A
Bit Rate Mode	Adaptive
Fixed Bit Rate	2320kbps
Activate Line	true
DSP FirmwareVersion	R2.3.1
Connected	false
State	HandShake
Bit Rate	0
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

Device B:

SHDSL	
Parameters	
4-Wired Connection	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Mode	CPE
Annex Type	Annex_A
Bit Rate Mode	Adaptive
Fixed Bit Rate	2320kbps
Activate Line	true
DSP FirmwareVersion	R2.3.1
Connected	false
State	HandShake
Bit Rate	0
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

Step 2: Go to Web GUI / [Quick Start](#) to modify the following settings:

- Encapsulation to [Pure Bridge](#).
- NAT to [Disable](#)

Step 3: Go to Web GUI / [Configuration / LAN / DHCP](#) to modify the following settings:

- DHCP Server Mode to [Disable](#).

Step 4: Assign a fixed IP to each PCs behind Device A and B. note: both IP must in same subnet.