

IPower ACU (IP1,2,3, and 4) Daisy Chaining Setup – Hardware only.

The following instructions explain how to cable ACU based PDUs for daisy Chaining.

Please Note, you can daisy chain up to a maximum of 32 PDUs.

You will need...

IPT – Splitter Box	(Part Number: IPT-500-500)	1 Per PDU.
Drop-Down Cable RJ22-RJ22	(Part Number: IPT-500-550-x.M)	1 Per PDU, Length to suit.
Please note: These cables can be supplied pre-terminated to a custom length, or you can make your own using 2 x RJ22 plugs, and FCC68 4 wire flat cable.		
Standard CAT 5 Patch cables	Length to suit.	

Setup

Position the Splitters on the top of your cabinet or similar location roughly above the desired PDU.

Connect the RJ45 Connections on the Splitters together using the 'Standard CAT 5 Patch cables' pick the correct length of cable to connect between Splitters to avoid excess cable. (fig1, yellow Cables)

This forms the backbone of the daisy chain.

Please Note, When Daisy Chaining the PDUs to maintain resilience you may wish to Daisy chain A and B fed PDUs Separately.



Fig 1 Using the Drop-down Cable, connect the RJ22 port on the Splitter to the MODBUS port on the PDU.

See Below, a typical install of 3 PDUs.

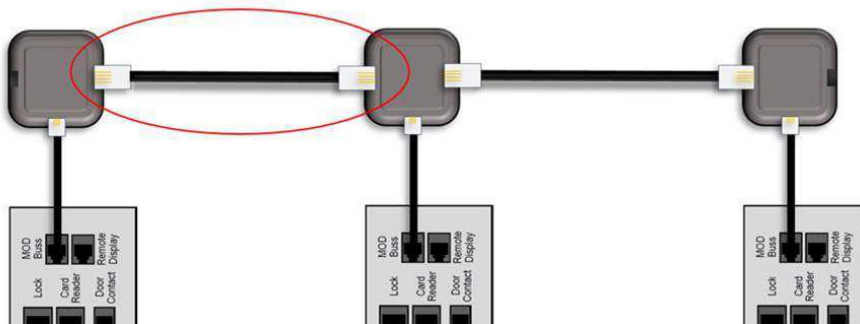


Fig 2 Circled is the 'Backbone' CAT 5 Patch Cable.

Once all PDUs are connected as above (up to a maximum of 32) you are now ready for the Software / PDU setup.

Making your own Drop-Down Cables.

You will need...

Cable FCC68 4 Wire	(CPC, Part Number CBBR0115)	Length to suit distance between Splitter and MODBUS port
Connector RJ22 4P4C	(CPC, Part Number CN15962)	2 per Cable
RJ22 Crimp Tool		

Pin Outs

Drop Down Cable	1 – 1
	2 – 2
	3 – 3
	4 – 4



Material recycling.
Packing materials are recyclable.
Please dispose of appropriately.

To EN62368-1:2020 Intertek – 10553241



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