

BRUMIL 450 – Data- and Power-Distributor

The BRUMIL 450 is for data and power connection. It includes a ruggedized IP65 construction and connectors, The connection to the server is based on a tactical FO-cable (e.g. BRUmil, BRUfield, BRUtouhg...) or an FO-Cu-hybrid-cable (e.g. BRUpowermil or BRUpowerfield)

Data- Power-Distributor

Application:

- Distribution of data and power. (Ethernet 100BaseT and 230VAC)
- Compatible to networking components, like the optical media converter and the remote power supply• Can be adapted to COTS based LAN devices easily.

Construction:

Connection bar:

- 6-8 RJ-45 Ethernet connections
- 2 sockets 230 VAC
- Internal 10/100/1000BaseT switch with 1000BaseFX FO-connection to the server.
- Hybrid connecting cable for data and power
- Over current protection
- LED-indication for data traffic and power presence.
- Receptacle for daisy chaining of more than one BRUMIL450

Hybrid FO+Cu-Connecting Cable BRUpowermil or BRUpowerfield

- 4 fiber optic channels, either single or multimode for FO-Ethernet.
- 2 power conductors (1.6mm² resp. 1.0mm²)
- Connector ruggedized, fully sealed hermaphroditic construction

Special Options (tailor made):

- PoIP for 10/100BaseT
- PoIP for 10/100/1000BaseT
- WAP-Module for wireless extension
- SIP-VoIP-manager (soft PBX on embedded PC).
- Connections for analog telephone to VoIP (e.g. 2 FXS and 2 FXO connections)
- Connections for ISDN telephone to VoIP (e.g. 2 FXS and 2 FXO connections)



Technical Data:

Electrical Power:

- Voltage 230 VAC
- Current FO+Cu-Cable 6A (short term 13 A)

Data at FO+Cu-Connecting Cable:

- 4 Fibers 9/125 single mode, 1310 or 1550 nm
- e.g. 1000BaseLX

Ethernet connections:

- 6-8x RJ-45 10/100/1000BaseT

Temperature range:

- Operation: -40°...+70° C MIL-STD-810F-501.II
- Storage: -60°...+85° C MIL-STD-810F-502.I

Environmental Conditions:

- Immersion prot. IP65 closed connector caps or connectors inserted.

Cu-Hybrid-Connector



Hybrid Connector for optical- and power connection