

Voice Solutions

The Molex Voice Solution provides a range of products to allow the termination of dedicated voice cabling in a structured cabling environment. The range includes 50 Port Voice panels, Telco Panels and Line Adapter Units.

The range also offers a cost effective and simple way to feed PBX or other voice circuits into an installation.

Category 3 Multi-pair U/UTP Cable

Molex 25, 50 and 100 pair Category 3 cable has been designed to support telephony voice wiring applications. The cable has been designed and tested in accordance with UL 444, EIA/TIA568 & ISO/IEC 11801 standards.

- Supports telephony voice wiring applications
- 25, 50 and 100 pair Cable
- PVC and LS0H Sheaths
- Colour coded pairs for ease of termination



Order No.	SAP No.	Description
CAA-00341	Consult Molex	Category 3 25 Pair PVC cable - 2km reel
CAA-00342	Consult Molex	Category 3 25 Pair LS0H cable - 2km reel
CAA-00343	Consult Molex	Category 3 50 Pair PVC cable - 2km reel
CAA-00344	Consult Molex	Category 3 50 Pair LS0H cable - 2km reel
CAA-00345	Consult Molex	Category 3 100 Pair PVC cable - 2km reel
CAA-00346	Consult Molex	Category 3 100 Pair LS0H cable - 2km reel
CAA-00379	Consult Molex	Category 3 25 Pair PVC cable - per metre
CAA-00380	Consult Molex	Category 3 25 Pair LS0H cable - per metre
CAA-00381	Consult Molex	Category 3 50 Pair PVC cable - per metre
CAA-00382	Consult Molex	Category 3 50 Pair LS0H cable - per metre
CAA-00383	Consult Molex	Category 3 100 Pair PVC cable - per metre
CAA-00384	Consult Molex	Category 3 100 Pair LS0H cable - per metre

50 Port Voice Panel

The 50 Port 1U Voice Panels are a cost-effective product range designed to utilise the minimum of rack/cabinet space to support 2, 25 or 50 pair cables in a voice backbone.

Supporting two or three pair connectivity for analogue or digital telephone services, the panels feature logical port numbering for easy configuration of the pairs (1-2, 3-6, 4-5), using dual colour coded (568A/B) KATT IDC connectors. 19" rack mountable, the panel features an integral rear management tray.

- 50 Port 1U
- Category 3 compliant
- 2 or 3 pair variants
- Integral cable management tray
- 19" rack mountable
- Full range of Telco cable assemblies available



Order No.	SAP No.	Description
PID-00145	0182040013	50 Port Voice Panel RJ45 UTP 1U - Pairs 3/6, 4/5
PID-00162	Consult Molex	50 Port Voice Panel RJ45 UTP 1U - Pairs 1/2, 3/6, 4/5

Line Adapter Units and Modules

Line Adapter Units allow telecommunications equipment fitted with standard BT telephone plugs to be connected to RJ45 based structured cabling systems.

- Ideal for floorbox applications
- OFTEL GA5 approved
- Converts a direct line to RJ45 cabling system
- Flying lead for flexibility



Order No.	SAP No.	Description
42-111-1A	Consult Molex	Line Adapter Unit RJ45 to BT6L Socket - 150mm Cord (PSTN)
42-111-2A	Consult Molex	Line Adapter Unit RJ45 to BT6L Socket - 150mm Cord (PABX)
42-114	Consult Molex	Line Adapter Unit RJ45 to BT6L Socket - 150mm Cord Secondary
42.A0020	Consult Molex	Line Adapter Unit ISDN Basic Rate - 150mm cord
17.10.012.A0022	Consult Molex	Euromod Line Jack LJLP Module (Mastered) - White
42.10.012.A0012	Consult Molex	MOD-SNAP Secondary Line Jack Low Profile (LJLP) Module
42.10.012.A0022	Consult Molex	MOD-SNAP Master Line Jack Low Profile (LJLP) Module



Modules - Disconnect and Connection

Both disconnect and connection type modules are available for all voice applications, markets and regulatory requirements. The modules accommodate up to 10 pairs in a small footprint, enabling high density interconnection facilities.

Gas Arrestor Module

An over-voltage system is available to protect circuits from voltage surges from lightning strikes or similar events. These modules are industry compliant and compatible with other voice cabling systems.

Order No.	SAP No.	Description
DCN-00001	0182030001	10 Pair Disconnect Module
DCN-00002	0182030002	10 Pair Connection Module
DCN-00006	0182030006	Gas Arrestor Magazine equipped with Tripolar GAT's
DCN-00007	0182030007	Gas Arrestor Magazine without GAT's
DCN-00018-TP	0182030008	Siemens Tripolar Gas Arrestor Tube (GAT) 230V 3 pin
DCN-00080	Consult Molex	8 Pair Category 6 Disconnection Module
DCN-00081	Consult Molex	10 Pair Category 6 Disconnection Module



Back Mount Frames

A number of different size wall mount frames are available to accommodate the modules to suit a variety of application and environments. The frames accommodate modules, over-voltage protection and labelling equipment for a complete system.

Distribution Boxes

A variety of enclosures are available to house the termination modules and cabling to suit many applications and environments. The enclosures feature module mounting hardware, removable covers for easy access and a secure locking system.



Order No.	SAP No.	Description
DCN-00003	0182030003	Back Mount Frame, 30 pair (3 module)
DCN-00004	0182030004	Back Mount Frame, 50 pair (5 module)
DCN-00005	0182030005	Back Mount Frame, 100 pair (10 module)
DCN-00014	0182030014	Distribution Box, 20 Pair, unloaded
DCN-00015	0182030015	Distribution Box, 30 Pair, unloaded
DCN-00016	0182030016	Distribution Box, 50 Pair, unloaded
DCN-00017	0182030017	Distribution Box, 100 Pair, unloaded
Accessories		
DCN-00008	Consult Molex	Label Holder for Back Mount frame
DCN-00013	0182030013	Dust Cover (for use with 100 pair Back Mount Frame without gas arrestor magazine)
DCN-00019	0182030019	Dust Cover (for use with 100 pair Back Mount Frame with gas arrestor magazine)
DCN-00020	0182030020	Label holder for modules
DCN-00012	0182030012	Disconnection Plug
DCN-00010	0182030010	Test Cord 2 Wire Version
DCN-00011	0182030011	Test Cord 4 Wire Version