molex®

Norwegian Wallplate PowerCat UTP/FTP

Features and Benefits

The Norwegian Wallplate has been designed to integrate with the Thorsman® "Frontline" range of bezels available in the Nordic region. The wallplate is available in C5E UTP and FTP variants and will support all currently ratified applicationsincluding Gigabit Ethernet. The product is a fully assembled unit featuring a fascia, complete with 2 PowerCat RJLP RJ45 connectors protected by spring loaded shutters.

Suitable for high speed data transmission, the PowerCat RJLP RJ45 connector was designed to meet the requirements of the Category 5E standard which demands compliance with the Power Sum principle of measurement and test.

The FTP variant provides continuity of the cable shield by the inclusion of a termination point for the drain wire.

- Thorsman® "Frontline" system compatible
- Two Ports protected by spring loaded shutters
- Enhanced performance RJ45 Connectors
- EIA 568B wiring schedule
- Durable, Halogen free material

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Technical Information

Termination Tools:
Molex Premise Networks and other industry standard installation tools.

Jack Connector
Operating Life:	Minimum 500 insertion cycles
Contact Material:	Phosphor Bronze
Contact Plating:	1.25 micrometers Au/Ni
Material:	UL 94V0 Thermoplastic

IDC Connector
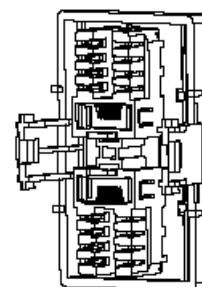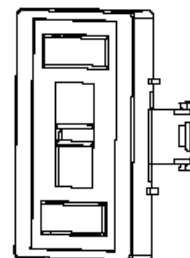|	
Operating Life:	Minimum 100 Reterminations
Contact Material:	Phosphor Bronze
Contact Plating:	Sn/Pb over Ni
Wire Accommodation:	2 x 22-26 AWG solid or stranded

IDC Terminations
Suitable for 0.4mm - 0.6mm solid or stranded cable, maximum o.d. 1.5mm. Patents pending on connector and module designs.

Electrical
D.C. Resistance:	$<20m\Omega$	
D.C. Resistance Imbalance:	$<2.0m\Omega$	
Insulation Resistance:	$<100M\Omega$	
Attenuation (dB):	@ 1Mhz	0.0121
	@ 16Mhz	0.0193
	@ 100Mhz	0.1052
Crosstalk (dB):	@ 1Mhz	-84.26
	@ 16Mhz	-60.03
	@ 100Mhz	-45.70
PowerSum Worst Pair:	@ 100Mhz	-41.83
Return Loss (dB):	@ 1Mhz	-65
	@ 16Mhz	-40
	@ 100Mhz	-30

ORDERING INFORMATION

Order No.	Description
WNC-00023-02	Norwegian Wallplate 2P 568B PowerCat UTP
WNC-00024-02	Norwegian Wallplate SHL 2P 568B PowerCat FTP

Molex Premise Networks standard fascia colour is white. Other colours may be subject to minimum order quantities.

PowerCat System Products

Order No.	Description
Panel	
27.1B.241.A005G	24 Port Panel - With Cover 1U 568B UTP
PID-00058	24 Port Panel 1U 568B UTP
PID-00019	24 Port Panel 1U 568B FTP
Cable	
CAA-00013	4 Pair FTP PVC Cat 5E Cable 305m Box
39.A0360	4 Pair UTP PVC Cat 5E Cable 305m Box
Patchcords	
PCD-00071-0*	UTP Patch Cords 5m
PCD-00104-0*	FTP Patch Cords 5m