

## iMC® modules compatibility.

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The iMC system of compatible modules and patch panels has the needed versatility in mind for the user that demands various technologies of patching in the same place.

The mix of optical, copper Ethernet, telephony, video, RF, and other technologies in the same patch panels is possible by using the LanPro iMC System.

Such variety of technologies has some limitations as it has to deal with tradeoffs mainly because of space density.

Pitch and punching easiness are some of these issues.

#### 1.-Pitch

LanPro produces three (3) sizes of patch Panels for 19" rack mounting: 16 Ports, 24 Ports and 48 Ports.

The 16 port size has ample of space for Keystone compatible modules, so LanPro doesn't see any problems in placing different types or brands of modules side by side unless they are not Keystone compatible in regard with the port window size of 14.6 mm width.

The Patch Panels of 24 or 48 ports, due to their density, have a pitch of 18.5 mm between window centers and modules with a maximum width of 18.5 mm can be packed side by side without blanks in between.

### Most of the iMC modules by LanPro are compatible with the 18.5 mm pitch:

Module P/N	Description	Width (mm)	Width difference	Side by side stacking
LP-IAOLCS1	iMC LC Duplex	17.7	-0.7	Yes
LP-IAOSCM1	iMC SC Duplex	17.7	-0.7	Yes
LP-IAOSTM1	iMC ST Simplex	17.9	-0.6	Yes
LP-IAFFFWH	iMC RF, CATV, Audio	17.9	-0.6	Yes
LP-IAKCEOR	iMC Cat5e Orange 180°	16.5	-1.4	Yes
LP-IAKC6YL	iMC Cat6 Yellow 180°	16.5	-1.4	Yes
LP-8CAPFSNP	PERFORMAX Cat6A 180° FS	16	-2.5	Yes
LP-8CAPUSWH	PERFORMAX Cat6A 180° US	16.75	-1.75	Yes

### LanPro has three modules wider than 18.5mm:

Module P/N	Description	Width (mm)	Width difference	Non Side by side stacking
LP-iARBNSWH	BNC type module Video	19.0	+0.5 excess	Requires a blank space in between
LP-CTWH	Cat3 White 90° Non iMC	22.5	+4.0 excess	Requires a blank space in between
LP-8C6USCC	Cat6 (CC: any color) 90° Non iMC	20.0	+1.5 excess	Requires a blank space in between

These modules require a blank filler to cover the port window space between two modules when stacked side by side.

## 2. Punching

LanPro Cat5e, Cat6 and Cat6A iMC compatible jacks are of the 180° style of punching, this punching from the back rather than from 90° is more practical when punching directly on the already installed IDC, this task is more difficult or rather impossible when there is another patch panel right over the one you are working with, which has 90° IDC Jacks.