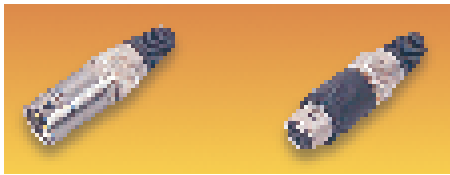


	Mfrs. List No.	Order Code	1+	10+	50+	100+	500+
Plug	NC3MXY	.439-010					
Socket	NC3FX	.439-022					

## Heavy Duty – 3 Pole



Plug L = 69, Dia = 19.2  
Socket L = 72, Dia = 19.2  
Cable entry = 2.8 – 8

- An extremely rugged 3-pole free plug and socket
- Suited for use in outdoor hostile environments
- Offering dust and water protection to IP65 when mated
- The plug's shell is of stainless steel
- The socket's shell and gland is of diecast zinc
- An internal O-ring, a rubber jacket, and polyurethane strain relief
- Minimum IP54 rating with most other mating connectors or microphones

CA019

	Mfrs. List No.	Order Code	1+	10+	50+	100+	500+
Plug	NC3MXHD	.152-307					
Socket	NC3FXHD	.152-308					

## Switched In Line Socket – 3 Pole Nickel



- Similar to standard in line XLR socket
- With integral noiseless click-action rotary on-off switch.
- Off position shorts pins 2 and 3.

L = 90, Dia. = 19.2 Cable entry = 2.8 – 8

CA020

	Mfrs. List No.	Order Code	1+	10+	50+	100+	500+
	NC3FXS	.439-009					

## Unified Panel Mounting 3 to 7 Pole



Panel plug H = 30, W = 26, D = 27.0 max (behind panel).  
Panel socket H = 30, W = 26, D = 26.7, Panel cut-out B

- Screened, metal panel plugs and sockets
- Standard hole cut-out, for front or rear panel mounting
- Solder bucket terminals. Available with either plain screw fixing holes or tapped M3 thread.

CA021

No. of Poles	Order Code	1+	10+	50+	100+	500+
<b>Panel Plugs – Plain Fixing Holes</b> Mfrs. List No. = NC♦MDL1						
3	.250-995					
4	.251-008					
5	.251-010					
6	261-087					
7	261-099					
<b>Panel Sockets – Plain Fixing Holes</b> Mfrs. List No. = NC♦FDL1						
3	.251-021					
4	.251-033					
5	.251-045					
6	261-105					
7	261-117					
<b>Panel Plug – M3 Thread Fixing Holes</b> Mfrs. List No. = NC3MDM3L1						
3	439-034					
<b>Panel Socket – M3 Thread Fixing Holes</b> Mfrs. List No. = NC3FDM3L1						
3	439-046					

♦ Denotes number of poles.

## PCB Mounting – 3 Pole, Plastic



- Smallest size/highest packing density
- Gold plated TF contacts
- Fastening self tapping screws 2.9 1.06

Flammability rating **UL94V-0**  
Female pin "1" and ground connected

Number of contacts 3  
Rated current 6A

Mfrs. List No. NC3MAH = 724-543, NC3MAHR = 724-555, NC3MAV = 724-531,  
NC3FAV-1 = 724-506, NC3FAHR-1 = 724-520, NC3FAH-1 = 724-518

CA022

	Order Code	1+	10+	50+	100+	500+
<b>Panel Plugs</b>						
Horizontal PCB	724-543					
Lateral Right PCB	724-555					
Vertical PCB	724-513					
<b>Panel Sockets</b>						
Vertical PCB & Pin "1"	724-506					
Lateral Right PCB & Pin "1"	724-520					
Horizontal PCB & Pin "1"	724-518					

## Combined PCB XLR-¼" Jack Socket – 3 pole Switched and Unswitched



Straight: H = 30, W = 27, D = 38.1  
Panel cut-out B



90°: H = 34, W = 27, D = 35.95  
Panel cut-out B



Circuit diagrams



Circuit diagrams

- A panel socket that accepts either a 3 pole XLR or ¼" jack plug saving both component cost and pcb/panel space
- The socket avoids the possibility of both inputs being used simultaneously

Current rating	7.5A per contact	Housing	Polyamide
Working voltage	250V ac	Contacts	Copper/tin alloy, gold plated
Breakdown voltage	1500V dc	Brackets	Copper/tin alloy, nickel plated
Contact resistance	≤3mΩ per contact	Temperature range	-20°C to +65°C

CA023

	Mfrs. List No.	Order Code	1+	10+	50+	100+
<b>Straight</b>						
Unswitched	NCJ6FK-V	.261-129				
Switched	NCJ9FK-V	.261-130				
<b>90°</b>						
Unswitched	NCJ6FK-H	.261-142				
Switched	NCJ9FK-H	.261-154				

## PCB Mounting – 3 Pole Die Cast



NC3MD-V NC3MD-H NC3FD-V NC3FD-H  
H = 30, W = 26, D = 26.7, Panel cut-out B PCB Drilling Pattern

- Unique feature of being able to remove the PCB with connectors insert without removing the connector-housing from the panel
- This is achieved by a small 1/8 turn latch within the connector moulding.
- See fitting tool.
- Available with either plain screw fixing holes or tapped M3 thread.

CA024

	Mfrs. List No.	Order Code	1+	10+	50+	100+	500+
<b>Plugs – Plain Fixing Holes</b>							
Straight	NC3MD-V	.308-845					
90°	NC3MD-H	.308-857					
<b>Sockets – Plain Fixing Holes</b>							
Straight	NC3FD-V	.308-869					
90°	NC3FD-H	.308-870					
<b>Plugs – M3 Thread Fixing Holes</b>							
Straight	NC3MDM3V	439-058					
90°	NC3MDM3H	439-060					
<b>Sockets – M3 Thread Fixing Holes</b>							
Straight	NC3FDM3V	439-071					
90°	NC3FDM3H	439-083					
Fitting Tool	SD-1	269-803					