

PROFESSIONAL

STUDIOMATE type A45

A robust high quality range of multipole circular plugs and sockets ideal for use as microphone connectors in communication equipment, but also suited to many other applications. These connectors feature polarised bodies for correct mating, screw locking rings, die cast nickel plated zinc housings and nickel plated bronze contacts. Additionally the cable plugs and sockets have integral cable clamps. All types are available in 2 to 8 pole configurations.

ELECTRICAL SPECIFICATION

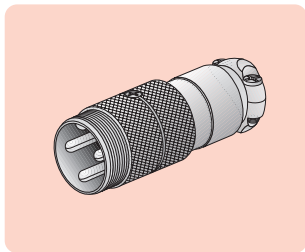
Current rating	
2, 3, 4 Pole	10A
5, 6 Pole	7.5A
7, 8 Pole	5A
Working voltage	50Vac
Proof voltage	1000Vac
Initial contact resistance	≤50mΩ
Insulation resistance	≥1000MΩ

MATERIALS

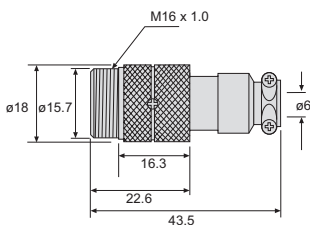
Housing	Zinc, nickel plated
Contacts	Bronze, nickel plated
Insulator	Phenolic resin
Operating temperature range	-50°C to +85°C

CABLE PLUGS

Cable mounting free plugs which will mate with the adjacent cable sockets for in-line termination.



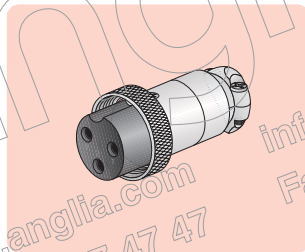
Dimensions (mm)



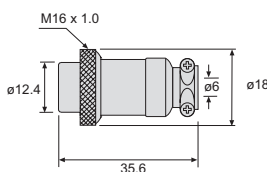
Type	Manf. Part No. & Anglia Order Code
2 Pole	A45M1N2
3 Pole	A45M1N3
4 Pole	A45M1N4
5 Pole	A45M1N5
6 Pole	A45M1N6
7 Pole	A45M1N7
8 Pole	A45M1N8

CABLE SOCKETS

Cable mounting free sockets which will mate with the adjacent cable plugs for in-line termination, or the panel plugs.



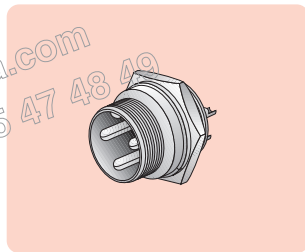
Dimensions (mm)



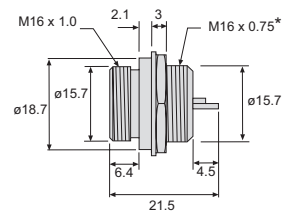
Type	Manf. Part No. & Anglia Order Code
2 Pole	A45F1N2
3 Pole	A45F1N3
4 Pole	A45F1N4
5 Pole	A45F1N5
6 Pole	A45F1N6
7 Pole	A45F1N7
8 Pole	A45F1N8

PANEL PLUGS

Panel mounting plugs which will mate with the adjacent cable sockets.



Dimensions (mm)



*Panel cut-out ø16mm

Type	Manf. Part No. & Anglia Order Code
2 Pole	A45M3N2
3 Pole	A45M3N3
4 Pole	A45M3N4
5 Pole	A45M3N5
6 Pole	A45M3N6
7 Pole	A45M3N7
8 Pole	A45M3N8

Contact Configurations (Plugs) – face view

