



Harsh Environment Connectivity Solutions



48 & 52 Point 1/4" Long Frame Audio with Solder Lug I/O & Cable Tie Bar

Originally designed to meet military specifications, this patchbay is as rugged and versatile as they come. Options include multiple normalling configurations, pre-tinned and offset solder lugs, cable tie bar, changeable designation strips, and heavy duty 1/4" long frame jacks.

Materials

Jacks

Frame: Stamped nickel-plated steel
Bushing: Nickel-plated brass
Tip, Ring and Shunt Springs: Nickel silver with welded contacts
Assembly Screws: Nickel-plated steel
Welded Contacts: Gold alloy

Panel

Front Panel: Thermoplastic
Frame: C.R.S. black epoxy painted
Designation Strips: Black polycarbonate 94V-0
Designation Strip Covers: Clear polycarbonate

Mechanical

Life: 30,000 cycles
Insertion Force: 7 lbs. maximum
Withdrawal Force: 1 lb. minimum
Operating: 0Â°C to +50Â°C

Electrical

Contact Resistance: 30 milliohms maximum initial
 Insulation Resistance: 10,000 megohms maximum
 Dielectric Withstanding Voltage: 500V at 60 Hz AC
 Working Voltage: 140 VDC maximum
 Current Rating: 100 milliamps

Ordering Information

Part Number	Type of Jack	No. of Jacks	Height	Description
MT48K1NS	MT	48	1.75"	Normals strapped
MT48K1FN	MT	48	1.75"	Full normals
MT48K1HN	MT	48	1.75"	Half normals
MT48K1NN	MT	48	1.75"	No normals
MT52K1NS	MT	52	1.75"	Normals strapped
MT52K1FN	MT	52	1.75"	Full normals
MT52K1HN	MT	52	1.75"	Half normals
MT52K1NN	MT	52	1.75"	No normals
MT48K3FN	MT	48	3.5"	Full normals
MT48K3HN	MT	48	3.5"	Half normals
MT48K3NN	MT	48	3.5"	No normals
MT52K3FN	MT	52	3.5"	Full normals
MT52KHN	MT	52	<="" span="">	