

SERIES 152 INTERMATEABLE HiPer 55116 Radio Connectors and Cables



TACTICAL INTERCONNECT SOLUTIONS

Selection Guide • Performance specifications

Series 152 Hi Per 55116 Selection Guide				
Part Description	Glenair P/N	Corresponding Mil P/N, "U" designator	Mates with	Page
 Audio plug, field serviceable, with wire strain relief and rigid contacts, crimp and solder cup	152-001	M55116/1 – /4 type U-229	152-003 HiPer 55116 type jam nut receptacle	4
 Crimp-removable contact audio plug, field-serviceable with wire strain relief	157-009		152-004 HiPer 55116 type in-line receptacle	5
 Overmolded audio plug cordset with wire strain relief	152-006		151-003 standard 55116 type jam nut receptacle	6
			151-004 standard 55116 type in-line receptacle	
			any M55116 receptacle	
 Audio plug with shield termination porch, overmolding adapter and rigid contacts, crimp and solder cup	152-002	M55116/5 – /8 type U-182	152-003 HiPer 55116 type jam nut receptacle	7
 Crimp-removable contact audio plug with shield termination porch and overmolding adapter	157-010		152-004 HiPer 55116 type in-line receptacle	8
 Overmolded audio plug cordset	152-005		151-003 standard 55116 type jam nut receptacle	9
			151-004 standard 55116 type in-line receptacle	
			any M55116 receptacle	
 In-line receptacle with shield termination porch, overmolding adapter, and non-rigid spring contacts, crimp and solder cup	152-004	M55116/11 – /14 type U-228	152-003 HiPer 55116 type jam nut receptacle	10
 Crimp-removable contact in-line audio receptacle, shield termination porch and overmolding adapter	157-011		152-004 HiPer 55116 type in-line receptacle	11
 Overmolded in-line audio receptacle cordset	152-007		151-003 standard 55116 type jam nut receptacle	12
			151-004 standard 55116 type in-line receptacle	
			any M55116 receptacle	
 Radio-mount jam nut audio receptacle with non-rigid spring contacts	152-003	M55116/9 – /10 type U-183		13
 Radio-mount jam nut audio receptacle with PC tails	152-013		152-001 HiPer 55116 type plug	14
 Radio-mount jam nut audio receptacle with PC tails and 3 ground pins	152-012		152-002 HiPer 55116 type plug	15
 Filtered radio-mount jam nut audio receptacle with non-rigid spring contacts, solder cup	240-152-003		151-001 standard 55116 type plug	16
 Filtered radio-mount jam nut audio receptacle with PC tails	240-152-013		151-002 standard 55116 type plug	17
			any M55116 plug	

SERIES 152 HIPER 55116 PERFORMANCE SPECIFICATIONS

Complies with all MIL-DTL-55116 specifications and exceeds the following performance criteria:

Shell-to-shell conductivity

152-001 and -002 Plugs: 2.5 milliohms max.
152-003 receptacle: 2.5 milliohms max when mated to Glenair HiPer 55116 plug 152-001 or -002

Cable shield-to-shell conductivity: 2.5 milliohms max.

Contact resistance (mated): 15 milliohms max. average; 20 milliohms max.

Water immersion (mated & un-mated): 152-002 plug, 152-003 receptacle: IP68 (10 meters standing water/1 hr.)

Air Pressure: 15 psi

Salt spray: 1,000 hours (MIL-STD-202, Method 101E)

Cable pull-out force (unmated): 152-001 and -002 plugs: 100 lbs. (Cable shield strength dependent)