



SERIES 183-001

SuperNine® MT

High-density fiber optic connectors

MT fiber optic ferrules are super-high-density commercial interconnect inserts that accommodate up to 24 fibers in a compact and lightweight package. MT ferrules can be terminated with a wide range of optical media including photonic flex circuitry, ribbon and round cable. MT interconnects are typically used for backplanes or trunk lines—such as in commercial aircraft wiring—where one high density, multi-channel line feeds many branches.

The MT Ferrule High-Density Advantage	
	24 fibers
	3 fibers
<p>Up to 24 fibers in a single compact, lightweight ferrule (7mm x 3mm / .276" x .118")—same real estate as three size #16 termini side by side</p>	

Now, Glenair brings together the high-density of these proven-performance MT ferrules with the durable mating and harsh-environment performance of Glenair SuperNine® connectors—the “better than QPL” MIL-DTL-38999 Series III solution with advanced mating and anti-vibration / shock performance. Up to 24 fibers can be packaged in a single size 11 SuperNine® Series III Type connector. Four MT ferrules can be combined in one size 17 shell—for up to 96 fibers in a single connector. Glenair SuperNine® MT connectors are stocked for complete flexibility in ordering. Simply choose connector configuration and number of desired MT ferrules for either singlemode or multimode use. MT ferrules and tools sold separately.

- Ruggedized “better than QPL” SuperNine® MIL-DTL-38999 Series III type interconnect packaging
- Singlemode and multimode fiber
- Low insertion loss
- Environmental sealing: IP67 mated, IP68 available at interface
- RoHS-compliant finishes available
- MT ferrules sold separately
- MT assembly tool, P/N 182-062 also available and sold separately