

MEGAPHASE ZMA QUICK-DISCONNECT CONNECTORS



ZMA Quick-Disconnect Connectors

MegaPhase ZMA Series precision coaxial connectors provide a compact, quick-connect solution for RF applications where space is limited. Featuring a bayonet-style coupling, they enable fast, repeatable connections without the need for a torque wrench.

- Quarter-turn bayonet coupling enables fast, secure connect and disconnect without tools
- Excellent mechanical stability for high-vibration environments, eliminating the need for lock wiring
- Available with keyed 2-, 3-, and 4-lug designs, plus in-series and between-series adapters compatible with SMA through 18 GHz

Electrical Data

Maximum Frequency	Impedance	Maximum VSWR	Max. Insertion Loss
TM, TV & 520: 18 GHz A08:12.4 GHz	50 Ω nominal	DC-8 GHz: 1.05:1 8-12.4 GHz: 1.15:1 12.4-18 GHz: 1.25:1	$\text{dB} = 0.05 \times (\text{FGHz})^{1/2}$

Mechanical Data

Body	Bead	Center Pin	Min. Matching Cycles
Passivated SST per ASTM A582	PTFE per ASTM-D-1710	Gold Plated Beryllium Copper per ASTM-B-196	500

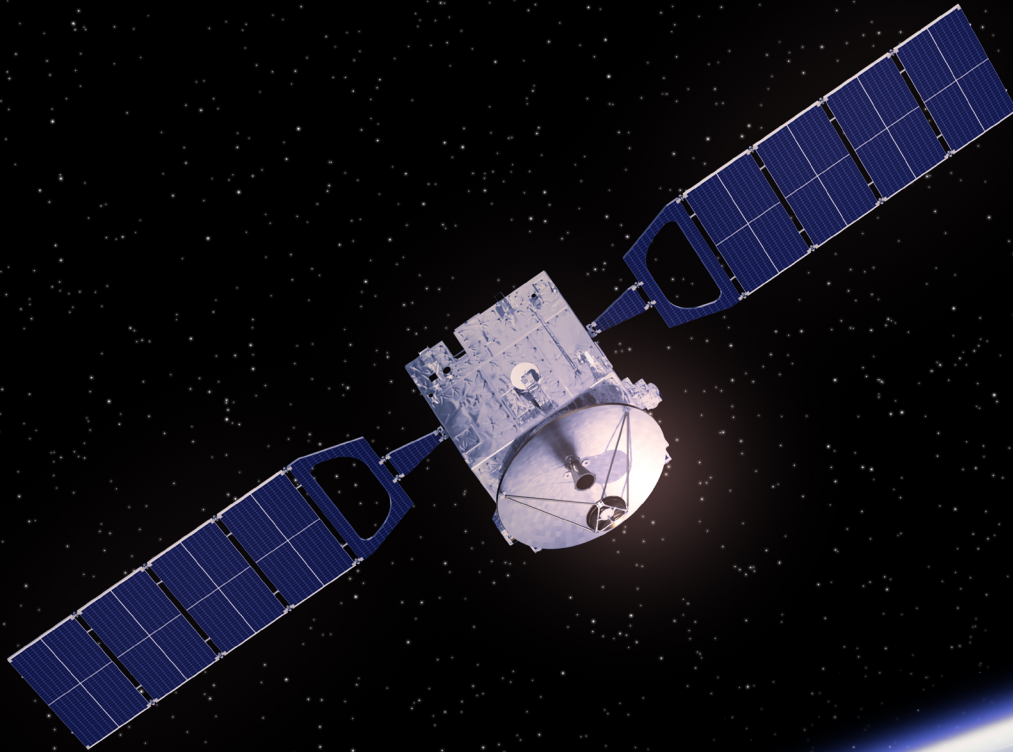
Other connectors available upon request





MegaPhase®

With the right connection anything is possible



Visit us at megaphase.com

About us

Founded in 1998 and headquartered in Stroudsburg, Pennsylvania, MegaPhase designs and manufactures high-performance RF coaxial cables and connectors for OEMs in critical markets including test instrumentation, defense, aerospace, telecommunications, and satellite systems. Serving more than 500 customers in 30 countries—including major technology leaders and the U.S. government—MegaPhase is best known for its industry-leading GrooveTube® technology, a breakthrough flexible cable design used in high-reliability, high-power, and phase-defined applications across ground, sea, air, and space platforms. All products are manufactured in-house, tested 100% in a state-of-the-art RF lab up to 110 GHz, and engineered to deliver exceptional phase stability, low loss, and long-term measurement repeatability, helping customers achieve more reliable results at a lower cost per measurement.

MegaPhase

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