IJARSCT

International Journal of Advanced Research in Science, Communication and Technology

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 5, Issue 9, June 2025



Recent Trends in Satellite Communication

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Abstract: This paper reviews major developments in satellite communication between 2024 and 2025. Topics include LEO mega-constellations, D2D and 5G NTN integration, optical links, AI/Cybersecurity, small satellites & IoT, sovereign networks, and orbital sustainability. Implications for market dynamics, policy, and future research are discussed.

Keywords: satellite communication.

IJARSCT

ISSN: 2581-9429

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DOI: 10.48175/IJARSCT-28205



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