

**Overview** Multi-choice test that measures the knowledge of analog communication, digital communication, electromagnetism and microwave engineering.

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|--|---------------------------|---|
|  | <b>Relevant Job Roles</b> | Telecommunications Engineering Specialist, Telecommunications Line Installer and Repairer, Network Technician, Registered Communications Distribution Designer, Telecommunication Network Manager |
|--|---------------------------|---|

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|----------------|---------------------------------------|--|
| <b>Details</b> | <b>Language</b>                       | English (US)   |
|                | <b>Average Testing Time (minutes)</b> | 07 minutes   |
|                | <b>Allowed Time (minutes)</b>         | 15 minutes   |
|                | <b>Maximum Number of Questions</b>    | 12 questions   |
|                | <b>Number of Sitzings</b>             | One  |
|                | <b>Test Type</b>                      | Multiple Choice - IRT (1PL)  |
|                | <b>Sector</b>                         | Engineering  |
|                | <b>Scores Reported</b>                | <ul style="list-style-type: none"><li>• Overall Score</li><li>• Communication</li><li>• Electromagnetism</li><li>• Microwave Engineering</li></ul> |
|                | <b>O*NET Competency</b>               | Engineering and Technology   |

**Knowledge, Skills, Abilities And Competencies Measured**

The following areas are covered:

- Analog communication
- Digital communication
- Optics
- Electromagnetic theory
- Electrostatics
- Magnetostatics
- Antennas and wave propagation
- Transmission lines and waveguides
- Radar