Next Generation Site Solutions for all Architectures
Company Profile

Rosenberger is one of the worldwide leading suppliers of controlled impedance and optical connectivity solutions, system components for mobile communications networks, data centres and test & measurement as well as high voltage contact systems.

The Rosenberger group operates manufacturing and assembly locations in over 10 countries as well as a global sales network.

Site Solutions

The Rosenberger Site Solutions Group designs, manufactures and provides solutions for the wireless infrastructure market. Our products and systems offer innovative and leading-edge designs with focus on high performance and quality.

Having an efficient network implementation in mind, we focus on total site kitting, logistics and delivery time leading to reduced cost of ownership.

Globally present, the Rosenberger Site Solutions Group offers extensive local support making Rosenberger Site Solutions a partner instead of just a supplier.

Quality & Environment

Rosenberger’s quality philosophy is not just to optimise components and products, but to continuously improve and optimise all processes to ensure customer satisfaction: From product development, planning, procurement, production, sales, logistics and services to environmental policy. In summary, to offer maximum benefits to our customers all over the world.

Our quality responsibility includes being proactive in protecting our environment and natural resources. We endeavour to avoid any environmental pollution, even beyond the requirements of legal regulations whenever possible.
Hybrid Solutions

The Rosenberger Hybrid Cable Solutions provide a single cable for both fiber and power. One hybrid cable can support up to 9 RRHs. Box and boxless solutions are available.

Features and Benefits
- One cable run to the tower top for multiple RRHs
- Smallest footprint with low wind load
- High flexibility, individual jumpers can be connected
- Easy and efficient installation
- Reduced tower loading and reduced rental fees
- Double protection against induced currents from lightning strikes which can reduce cost for surge protection up to 50%
- Slim outer diameter due to coax design of power cables

Hybrid Boxless Solution

No transition point or crimping between trunk and fanout – continuous cable run minimising the risk of system degradation.

Hybrid Cabling with Box

Hybrid cable terminated in a cable management and distribution box.
Trunking Solutions

The Rosenberger Trunking Solutions provide a wide variety of multi power and multi fiber trunk cable configurations. Multi fiber cable up to 24 pairs and multi power cable for powering up to 9 RRHs. Box and boxless solutions are available.

Features and Benefits
- One cable run for multiple RRHs
- Slim outer diameter due to coax design of power cables
- Double protection against induced currents from lightning strikes which can reduce cost for surge protection up to 50%
- Small footprint with low wind load
- High flexibility, individual jumpers can be connected
- Easy and efficient installation
- Future proof investment

Trunk Boxless Solution

Trunks with outdoor power and fiber connectors for either direct RRH-connection or individual jumper connection.

Trunk Box Solution

Trunks terminated in a cable management and distribution box.
Tower Multi Fiber/Power System

The Rosenberger Tower Multi Fiber System (TMFS) and Tower Multi Power System (TMPS) allow for deployment of 6 to 12 pairs of fiber and power supply for 3 to 6 RRHs without the need of a tower top distribution box.

Features and Benefits
- One cable run for multiple RRHs
- Pre connected multi fiber and power cable
- Robust interfaces
- Hoisting feature integrated
- Small footprint with low wind load
- High flexibility, separate jumpers
- Easy and efficient installation
- Future proof investment

FiPro – Optimised Site Upgrades

In swap projects, no de-installation of existing coax feeders and new deployment of fiber and power cables required. Existing feeder cables are used as power cable and cable conduits for fiber trunk.

Features and Benefits
- Existing cable run can be used (no change in contract with Land Lord)
- No new wall ducts and sealing against fire needed
- Run high data and power through existing feeder cables to the RRHs
- No lifting platform needed
- No de-installation of feeders
- Multi fiber solutions available
Rosenberger Site Solutions e-mail Newsletter

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Members of the Rosenberger group

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