



by Radio Frequency Systems

TAKE 5G INTO TUNNELS

Choose Future-Ready RADIAFLEX® Cables



RADIAFLEX®

Take advantage of 3.5 GHz spectrum and accelerate to 5G indoors with the industry's most advanced portfolio of 5G-ready radiating cables for wireless indoor communications.

WE SIMPLIFY 5G
THE EVOLUTION TO



MAKE 5G A REALITY IN TUNNELS

with the world's first ultra-broadband pair of radiating cable for cross-polarized MIMO applications

OUR NEWEST, PATENTED RADIAFLEX® CABLES PROTECT YOUR FUTURE:

- **Ultra-broadband:** Unique mode suppression technology means no stopbands between 610 MHz and 3800 MHz.
- **Any frequency:** Unconditionally 4G- and 5G-ready in all 3GPP bands up to 3800 MHz.
- **Any service:** Support all commercial and mission-critical services between 75 MHz and 3800 MHz.
- **Any technology:** Deploy multi-operator, multi-service shared infrastructure.
- **Easy evolution:** Ideally suited for spectrum rebanding and refarming projects.
- **Fire-resistant:** Meet the latest fire safety standards. Choose JFNA, JFLA or CPR jacket types.

MAXIMIZE CAPACITY WITH MULTIBAND MIMO

RFS is the globally recognized leader in multiband in-tunnel MIMO applications. We understand how to combine these vertically and horizontally polarized RADIAFLEX® cables to ensure channel decorrelation that's ideally suited to high-capacity 2x2, 4x4 and higher MIMO applications.



The results are in:

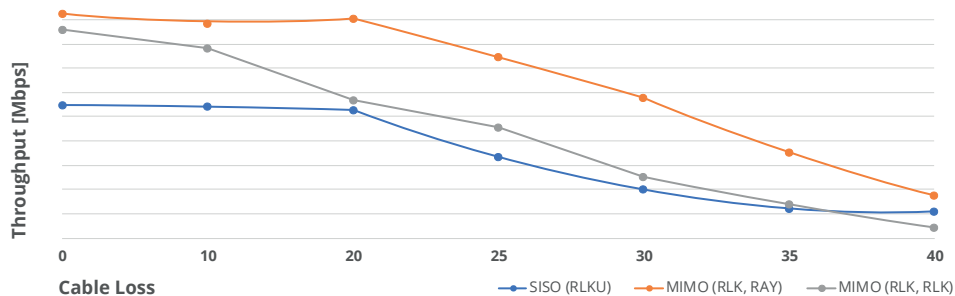
Dual-cable MIMO beats SISO

RFS' direct comparison of SISO and MIMO test cases reveals the clear advantage of using a dual-polarized MIMO solution to maximize throughput efficiency in tunnels.

Combining RFS' vertically polarized RAY and horizontally polarized RLK product families takes advantage of unique cross-polarization effects to optimize MIMO conditions in tunnels.

Combine these RADIAFLEX® cables to address in-tunnel communications challenges today and tomorrow:

- 4G: RAYA158 and RLKU158
- 5G: RAYX114 and RLKX114



■ Brazil

Sao Paulo

+55 11 4785 6000
sales.latam@rfsworld.com

■ China

Shanghai

+86 21 3773 8888
sales.apn@rfsworld.com

■ France, Italy, Spain

Paris, Vimercate, Madrid

sales.europe@rfsworld.com

■ Germany

Hannover

+49 511 676 55 - 0
sales.europe@rfsworld.com

■ India

Gurgaon

+91-124-4092788
sandeep.bhatla@rfsworld.com



CONTACT US

www.rfsworld.com



SUBSCRIBE TO RFS NEWSLETTER

info.rfsworld.com/subscribe

■ North America

Meriden, CT

+1.800.321.4700
sales.americas@rfsworld.com

■ Mexico

Tlalnepantla de Baz

+52 55 2881-1100
sales.latam@rfsworld.com

■ Russia

Moscow

+7 495 258 0649
rfs.russia@rfsworld.com

■ South Africa

Centurion

+27 83 647 6187
Jaco.Oosthuizen@rfsworld.com

■ UAE

Dubai

+971 4 568 7979
rfs.middle-east@rfsworld.com

■ UK

Haddenham

+44 1844 294900
sales.europe@rfsworld.com