

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.

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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.

	5G Commercial Radio									
	Mission Critical Radio		4G Commercial Radio							
	75-450MHz	600-960MHz	617 - 960MHz	1700-1900	2200MHz	2700MHz	3800MHz	4200MHz	4900MHz	6000MHz
5G RADIAFLEX Radiating Cable Solution										
RLKX114-50 *	+	++	++	++	++	+++	+++			
RAYX114-50 *	+	++	++	++	++	+++	+++			
RE60										+++
4G RADIAFLEX Radiating Cables										
RLKU158-50 *	+	++	++	+++	+++	+++				
RAYA158-50 *	+	++	++	+++	+++	+++				
RLKU114-50 *	+	++	++	+++	+++	+++				
RAYA114-50 *	++	++	++	+++	+++	+++				
RLKU78-50	+	++	++	+++	+++	+++				
RLKU12-50	+	++	++	+++	+++	+++				
Mission Critical Radio Application										
RLK158-50	+++	++	++							
RLK114-50	+++	++	++							
RLK78-50	+++	++	++							
RLK12-50	+++	++	++							
RLKW114-50	++	+++	+++	++						
RLKW78-50	++	+++	+++	++						
RLKW12-50	++	+++	+++	++						
GSM-R Applications										
RAY158-50	++	+++	+++							
RAY114-50	++	+++	+++							
RAY78-50	++	+++	+++							
Diverse Applications										
RCF12-50	+	+	+	+	+	+	+	+	+	+
RCF78-50	+	+	+	+	+	+	+			
RLFU158	++	++	++	++	++					
RLFU114	++	++	++	++	++					
RLFU78	++	++	++	++	++					

*** MIMO:
MAXIMIZE CAPACITY
WITH MULTIBAND
MIMO**

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

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