# Taking the next step in the indoor revolution

Deliver indoor multi-operator networks with a variety of deployment and product options

Enable new and existing customers to deploy 4G and 5G in one single unit with one cable

Deploy indoor networks via CAT 6A or fiber cabling

**Increased deployment flexibility | New multi-operator options | Lower deployment costs**

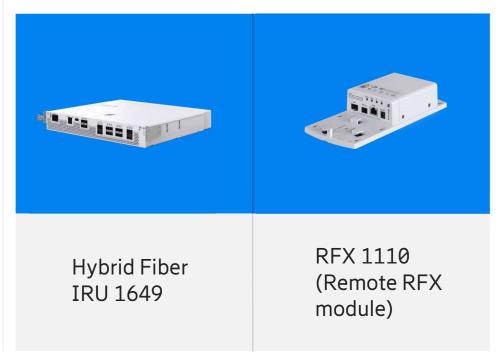# Introducing the new additions to the Ericsson indoor family

## Cat 6A Solution



Dot 4475 – Multi-band Dot



IRU 8848 – support 4G & 5G deployments

## Fiber Solution



Hybrid Fiber IRU 1649



RFX 1110 (Remote RFX module)

# Delivering maximum flexibility with lowered deployment costs

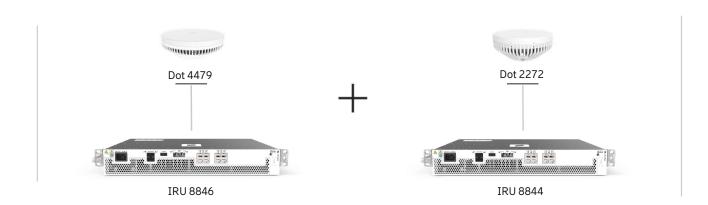| 1 | ½ | ½ | ½ | = Cost efficient deployments and maximum flexibility |
|---|---|---|---|---|
| cable for all bands | the number of Radio Dots to achieve 4G + 5G | the number of IRUs and half the rack space | the number of cables and half the cable cost | |

Dot 4479

Dot 2272

Dot 4475

IRU 8846    +    IRU 8844    →    IRU 8848

# One cable. A million possibilities.

The Radio Dot System is the only indoor solution in the world that can deliver 5G and multi-operator networks over a single CAT 6A cable

# Radio Dots

| Single band | |
|---|---|
| **RD 2242**<br>**RD 2243** | — 400 Mbps<br>— 2T2R<br>— 40 MHz IBW<br>— 2242: 2x 50 mW (FDD/TDD)<br>— 2243: 2x 50 mW (FDD)<br>2x 125 mW (TDD) |

| Dual band | |
|---|---|
| **RD 2274** | — Up to 1.4 Gbps<br>— 2T2R<br>— Up to 70 MHz per band<br>— 200mW) per FDD band |

| Single band NR | |
|---|---|
| **Dot 4479** | — Up to 2 Gbps<br>— 4T4R<br>— 100 MHz IBW<br>— 4x 250 mW (TDD) |

| Dual band | |
|---|---|
| **RD 4442** | — 800 Mbps<br>— 2T2R<br>— 40 MHz IBW per band<br>— 2x 50 mW (FDD) 2x 125 mW (TDD)<br>— CBRS support |

| Dual band | |
|---|---|
| **Dot 2272** | — 800 Mbps<br>— 2T2R<br>— 40 MHz IBW per band<br>— 2x 125 mW (FDD) 2x 125 mW (TDD) |

| Tri band | |
|---|---|
| **Dot 4475** | — 2.8 Gbps ~ 3 Gbps<br>— Single band 4T4R + dual band 2T2R<br>— 250mW (TDD) 200mW (FDD)<br>— 100+60+40 MHz |

# Indoor Radio Units (IRU)

## Single band support

**IRU 2242**

— Single band 2T2R support*
— 8 ports
— Compatible with RD 2242, 2243, 4442*

## Single band NR

**IRU 8846**

— Single band 4T4R support
— 8 ports
— Compatible with Dot 4479

## Dual Band

**IRU 8844**

— Dual band 2T2R support
— 8 ports
— Compatible with Dot 2272

## Dual band

**IRU 8884**

— Dual band 2T2R support
— 16 ports
— Compatible with Dot 2272

## Tri/multi-band

**IRU 8848**

— Tri band 8T8R support
— 8 ports
— Supports Dot 4475 4479, 2272

## CIPRI

**IRU 1649**

— 8T8R support
— 8 ports
— Supports Dot 4475, 4479, 2272