



RBC Principal Protected Solactive Canadian Banks Index Linked LEOS[®](CAD), Series 42

7 year term

100% Principal
Protection at Maturity

170% of the appreciation of
the underlying index

This Note is a 7 year investment designed to provide exposure to the adjusted returns of the Solactive Equal Weight Canada Banks 5% AR Index. Investors will receive 170% of the price appreciation of the Index should the Index rise in value and will receive their full principal amount at maturity should the Index decrease in value. The principal amount is guaranteed by RBC on the maturity date of March 19, 2029.

Offering Closes

March 11, 2022

Maturity Date

March 19, 2029

FundSERV

RBC6542

Website

www.rbcnotes.com

INVESTMENT HIGHLIGHTS

Issuer: Royal Bank of Canada

Currency: CAD

Term: Approximately 7 years

Underlying Index: Variable return on the Notes ("**Variable Return**") will be determined by reference to the adjusted returns of the Solactive Equal Weight Canada Banks 5% AR Index (the "**Underlying Index**"). The Underlying Index is an adjusted return index that aims to track the gross total return performance of the Solactive Equal Weight Canada Banks Index (the "**Target Index**"), subject to a reduction of a synthetic dividend of 5.00% per annum calculated daily in arrears (the "**Adjusted Return Factor**"). **For the avoidance of doubt, the return on the Notes is linked to the Underlying Index and is not linked to the Target Index.** The Notes do not represent an interest in the Underlying Index or in the securities of the entities that comprise the Target Index, and holders will have no right or entitlement to such securities including dividends or other distributions paid thereon.

Underlying Index closing level on February 10, 2022 was 218.70.

Adjusted Return Factor will result in a reduction of a synthetic dividend of 0.0304 index points on February 11, 2022, resulting in an aggregate reduction of synthetic dividends of approximately 66.06 index points, representing 30.21% of the closing level of the Underlying Index on February 10, 2022 (assuming the Target Index closing level remains constant).

Participation : 170%

Credit Rating: 100% principal protection guaranteed by RBC at maturity. RBC is rated Aa1 by Moody's, AA- by Standard and Poors and AA by DBRS.

Secondary Market: The Notes are tradeable in a daily secondary market, subject to availability, which RBC Capital Markets will use reasonable efforts to provide as outlined in the Information Statement. An early trading charge may apply (initially 3.00%, reducing to 0% after 270 days). Proceeds on sale may be less than the \$100 Principal Amount.

Eligibility for Investment: RRSPs, RIFs, TFSA's, RDSPs, RESP's and DPSPs.

The deposit notes are not insured under the Canada Deposit Insurance Corporation Act. The Notes are not conventional notes or debt securities. For the various risks associated with such an investment, please see the Risk Factors section of the Information Statement.

SAMPLE CALCULATIONS OF THE PAYMENT AMOUNT

The examples set out below are included for illustration purposes only. The levels of the Underlying Index used to illustrate the calculation of Variable Return are not estimates or forecasts of the level of the Underlying Index on which the Base Level and Settlement Level or the calculation of the Percentage Change, and in turn Variable Return, will depend. All examples assume that a Noteholder has purchased Notes with an aggregate principal amount of \$10,000 and that no Extraordinary Event has occurred.

Example #1 — Hypothetical calculation of the Payment Amount where the Percentage Change of the Underlying Index is positive.

It is assumed that the Base Level of the Underlying Index is 218.70 and the Settlement Level of the Underlying Index is 284.31 (hypothetical). The Payment Amount would be calculated as follows:

$$\begin{aligned} \text{Base Level} &= 218.70 \\ \text{Settlement Level} &= 284.31 \\ \text{Percentage Change} &= \frac{(284.31 - 218.70)}{218.70} = 0.30000 \text{ or } 30.000\% \\ \text{Participation Rate} &= 170.00\% \\ \text{Variable Return} &= \$10,000.00 \times 30.000\% \times 170.00\% = \$5,100.00 \\ \text{Payment Amount} &= \$10,000.00 + \$5,100.00 = \$15,100.00 \end{aligned}$$

In this example, the Payment Amount provides a return equivalent to an annually compounded rate of return of 6.06%.

Example #2 — Hypothetical calculation of the Payment Amount where the Percentage Change of the Underlying Index is deemed to be zero.

It is assumed that the Base Level of the Underlying Index is 218.70 and the Settlement Level of the Underlying Index is 153.09 (hypothetical). The Payment Amount would be calculated as follows:

$$\begin{aligned} \text{Base Level} &= 218.70 \\ \text{Settlement Level} &= 153.09 \\ \text{Percentage Change} &= \frac{(153.09 - 218.70)}{218.70} = -0.30000 \text{ or } -30.000\% \\ \text{Participation Rate} &= 170.00\% \\ \text{Variable Return} &= \$10,000.00 \times 0.000\% \times 170.00\% = \$0.00 \\ \text{Payment Amount} &= \$10,000.00 + \$0.00 = \$10,000.00 \end{aligned}$$

In this example, the Payment Amount provides a return equivalent to an annually compounded rate of return of 0.00%.

The Solactive Canada Banks 5% AR Index is owned, calculated, administered and published by Solactive AG ("Solactive"), and the name "Solactive" is a registered trademark of Solactive. The Solactive Canada Banks 5% AR Index has been licensed for use by the Bank in connection with the Notes. The Notes are not sponsored, promoted, sold or supported in any other manner by Solactive and Solactive makes no representation or warranty, express or implied, regarding the advisability of investing in such product(s). Solactive does not guarantee the accuracy or completeness of the Solactive Canada Banks 5% AR Index or the Solactive Canada Banks Index, any data included therein, or any data from which it is derived, nor has any liability for any errors, omissions, or interruptions therein.

An investment in the Notes provides opportunities for investment but may pose risks. See further details under "Risk Factors" in the Information Statement. Specific risks include:

- Interest Payable at Maturity – The Principal Amount plus Variable Return (if positive) is payable only at maturity.
- Noteholders do not have ownership in the Underlying Index or in the securities of the entities that comprise the Target Index and therefore are not entitled to receive dividends or other distributions paid on these securities.
- Secondary Market Price – The price for the Note in any secondary market will be based on market conditions and could be above or below the \$100 Principal Amount, subject to an early trading fee of up to 3.00%. RBC reserves the right not to make a secondary market.
- Extraordinary Events – The payment of Variable Return could be accelerated or delayed due to the occurrence of certain Extraordinary Events.

The Information Statement in respect of the RBC Principal Protected Solactive Canadian Banks Index Linked LEOS®(CAD), Series 42 (the "Information Statement") and this highlight document do not constitute an offer or invitation by anyone in any jurisdiction in which such offer is not authorized or to any person to whom it is unlawful to make such offer or invitation. The offering and sale of the Notes, described in the Information Statement, may be subject to restrictions within any particular province or territory. Royal Bank and the selling agents require persons into whose possession the Information Statement comes to inform themselves of and observe any and all such restrictions. No securities commission or similar authority has in any way passed upon the merits of the Notes and any representation to the contrary may be an offence. This highlight document must be read in conjunction with the Information Statement, which provides additional important disclosures and risk factors in respect of the Notes.