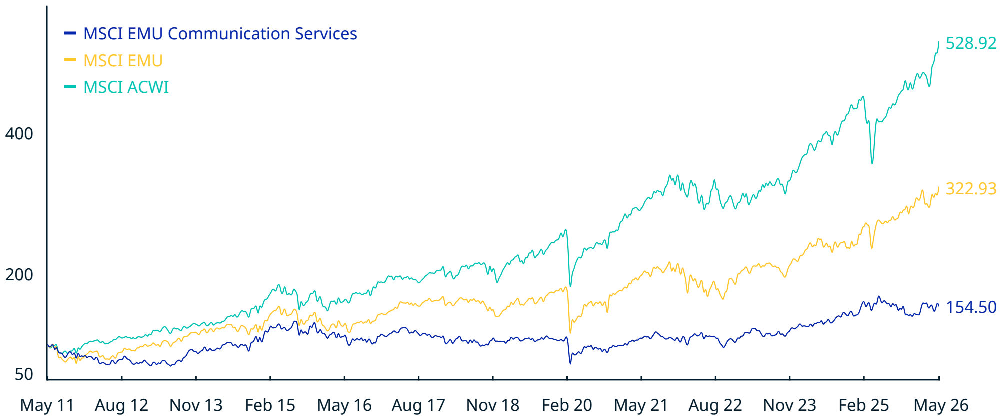
# MSCI EMU Communication Services Index (EUR)

The MSCI EMU Communication Services Index is designed to capture the large and mid cap segments across 10 Developed Markets (DM) countries in EMU*. All securities in the index are classified in the Communication Services sector as per the Global Industry Classification Standard (GICS®).

For a complete description of the index methodology, please see Index methodology - MSCI.

## CUMULATIVE INDEX PERFORMANCE — NET RETURNS (EUR) (MAY 2011 – MAY 2026)




## ANNUAL PERFORMANCE (%)

| Year | MSCI EMU Communication Services | MSCI EMU | MSCI ACWI |
|---|---|---|---|
| 2025 | 1.90 | 23.70 | 7.86 |
| 2024 | 15.90 | 9.49 | 25.33 |
| 2023 | 18.08 | 18.78 | 18.06 |
| 2022 | -5.66 | -12.47 | -13.01 |
| 2021 | 13.02 | 22.16 | 27.54 |
| 2020 | -8.14 | -1.02 | 6.65 |
| 2019 | 1.12 | 25.47 | 28.93 |
| 2018 | -5.29 | -12.71 | -4.85 |
| 2017 | -2.16 | 12.49 | 8.89 |
| 2016 | -6.93 | 4.37 | 11.09 |
| 2015 | 12.57 | 9.81 | 8.76 |
| 2014 | 18.00 | 4.32 | 18.61 |
| 2013 | 23.01 | 23.36 | 17.49 |
| 2012 | -12.79 | 19.31 | 14.35 |

## INDEX PERFORMANCE — NET RETURNS (%) (MAY 29, 2026)

| | | | | | ANNUALIZED | | | |
|---|---|---|---|---|---|---|---|---|
| | 1 Mo | 3 Mo | 1 Yr | YTD | 3 Yr | 5 Yr | 10 Yr | Since Dec 29, 2000 |
| MSCI EMU Communication Services | 3.79 | -5.49 | -6.69 | 7.36 | 10.00 | 7.36 | 3.02 | 0.74 |
| MSCI EMU | 4.13 | 1.42 | 17.52 | 8.01 | 16.09 | 10.25 | 9.38 | 4.30 |
| MSCI ACWI | 5.71 | 8.80 | 26.73 | 12.87 | 18.67 | 12.50 | 12.28 | 6.56 |

## FUNDAMENTALS (MAY 29, 2026)

| | Div Yld (%) | P/E | P/E Fwd | P/BV |
|---|---|---|---|---|
| MSCI EMU Communication Services | 3.55 | 22.21 | 14.65 | 2.37 |
| MSCI EMU | 2.81 | 18.15 | 14.85 | 2.22 |
| MSCI ACWI | 1.58 | 23.77 | 18.23 | 3.85 |

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 29, 2026)

| | | ANNUALIZED STD DEV (%) [2] | | | SHARPE RATIO [2,3] | | | | MAXIMUM DRAWDOWN | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Turnover (%) [1] | 3 Yr | 5 Yr | 10 Yr | 3 Yr | 5 Yr | 10 Yr | Since Dec 29, 2000 | (%) | Period YYYY-MM-DD |
| MSCI EMU Communication Services | 5.78 | 13.25 | 13.72 | 14.71 | 0.57 | 0.45 | 0.23 | 0.10 | 81.22 | 2000-02-29—2002-09-30 |
| MSCI EMU | 3.57 | 11.76 | 14.16 | 15.32 | 1.09 | 0.63 | 0.62 | 0.29 | 60.88 | 2000-03-31—2003-03-12 |
| MSCI ACWI | 2.47 | 11.69 | 13.06 | 13.10 | 1.28 | 0.83 | 0.90 | 0.42 | 53.06 | 2007-06-15—2009-03-09 |

[1] Last 12 months [2] Based on monthly net returns data [3] Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

*DM countries in the EMU include: Austria, Belgium, Finland, France, Germany, Ireland, Italy, the Netherlands, Portugal and Spain.

The MSCI EMU Communication Services Index was launched on Sep 15, 1999. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance -- whether actual or back-tested -- is no indication or guarantee of future performance.

## INDEX CHARACTERISTICS

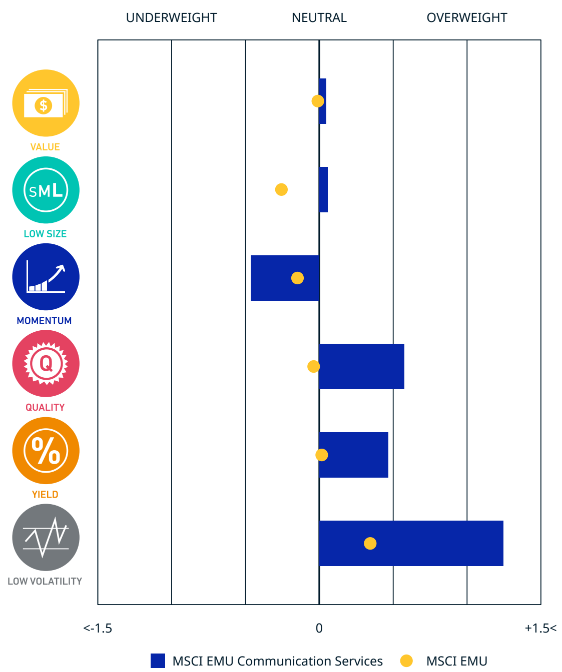
| | MSCI EMU Communication Services |
|---|---|
| **Number of Constituents** | 11 |
| | **Mkt Cap ( EUR Millions)** |
| **Index** | 253,166.99 |
| **Largest** | 106,172.84 |
| **Smallest** | 3,878.16 |
| **Average** | 23,015.18 |
| **Median** | 14,513.91 |

## TOP 10 CONSTITUENTS

| | Country | Float Adj Mkt Cap ( EUR Billions) | Index Wt. (%) |
|---|---|---|---|
| DEUTSCHE TELEKOM | DE | 106.17 | 41.94 |
| ORANGE | FR | 33.40 | 13.19 |
| UNIVERSAL MUSIC GROUP | NL | 21.46 | 8.48 |
| PUBLICIS GROUPE | FR | 19.17 | 7.57 |
| KONINKLIJKE KPN | NL | 17.09 | 6.75 |
| TELEFONICA | ES | 14.51 | 5.73 |
| CELLNEX TELECOM | ES | 13.77 | 5.44 |
| TELECOM ITALIA | IT | 12.45 | 4.92 |
| ELISA A | FI | 5.85 | 2.31 |
| SCOUT24 | DE | 5.42 | 2.14 |
| Total | | 249.29 | 98.47 |

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

### MSCI FACTOR BOX




### MSCI FaCS

**VALUE**
Relatively Inexpensive Stocks

**LOW SIZE**
Smaller Companies

**MOMENTUM**
Rising Stocks

**QUALITY**
Sound Balance Sheet Stocks

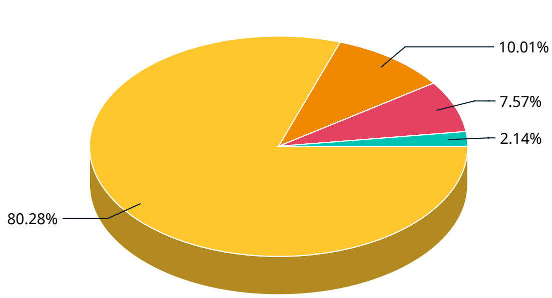
**YIELD**
Cash Flow Paid Out

**LOW VOLATILITY**
Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a
broad global index - MSCI ACWI IMI.

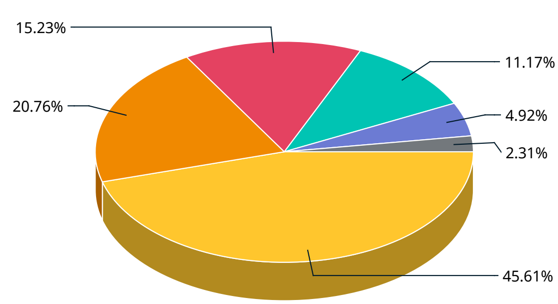
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

## SUB-INDUSTRY WEIGHTS




Integrated Telecommunication Services 80.28%  Movies & Entertainment 10.01%
Advertising 7.57%  Interactive Media & Services 2.14%

## COUNTRY WEIGHTS




Germany 45.61%  France 20.76%  Netherlands 15.23%  Spain 11.17%
Italy 4.92%  Other 2.31%

**MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology here)**

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

## ABOUT MSCI

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