

R R Kabel

Estimate change



TP change



Rating change



Bloomberg	RRKABEL IN
Equity Shares (m)	113
M.Cap.(INRb)/(USDb)	285.6 / 3
52-Week Range (INR)	2585 / 1165
1, 6, 12 Rel. Per (%)	2/94/84
12M Avg Val (INR M)	689
Free float (%)	38.6

Financials & Valuations (INR b)

Y/E MARCH	FY26	FY27E	FY28E
Sales	97.2	126.7	151.5
EBITDA	7.8	11.7	14.5
Adj. PAT	5.1	7.7	9.6
EBITDA Margin (%)	8.1	9.2	9.6
Cons. Adj. EPS (INR)	44.8	67.8	84.8
EPS Gr. (%)	62.7	51.3	25.0
BV/Sh. (INR)	227.6	289.3	366.1

Ratios

Net D:E	0.0	0.1	(0.0)
RoE (%)	21.4	26.2	25.9
RoCE (%)	21.7	26.0	25.9
Payout (%)	15.6	10.3	9.4

Valuations

P/E (x)	56.3	37.2	29.8
P/BV (x)	11.1	8.7	6.9
EV/EBITDA (x)	36.5	24.6	19.5
Div Yield (%)	0.3	0.3	0.3
FCF Yield (%)	0.0	0.1	1.5

Shareholding pattern (%)

As of	Jun-26	Mar-26	Jun-25
Promoter	61.4	61.7	61.8
DII	11.9	13.3	13.6
FII	10.7	9.1	8.6
Others	16.1	15.9	16.0

FII includes depository receipts

CMP: INR2,522

TP: INR2,960 (+17%)

Buy

Beat on estimates; C&W continues to post healthy growth

Robust volume growth in C&W; FMEG profitability on track

- RR Kabel (RRKABEL)'s 1QFY27 performance was above our estimate, driven by better-than-estimated volume growth in C&W and achieving break-even in its FMEG segment vs. our estimate of segment loss of INR68m. In 1Q, revenue was up ~54% YoY to INR31.7b (~12% beat), whereas EBITDA almost doubled YoY to INR2.8b (~10% beat). OPM surged 2.0pp YoY to 8.9%. Adj. PAT surged 2.2x YoY to INR1.9b (~20% above estimates, aided by higher other income).
- Management indicated that the company's C&W volume growth was ~17% YoY, led by strong growth across domestic and exports. Margin expansion was driven by operating leverage, better fixed-cost absorption, an improvement in product mix, and ongoing cost optimization initiatives. Despite near-term volatility in raw material prices, it expects demand to remain resilient and reiterated its FY28 margin guidance of 10.5% in C&W. Domestic cable margins are likely to improve further over the medium term. In the FMEG segment, RRKABEL reiterated its target of ~20% annual revenue growth and sustainable break-even in FY27E.
- We raise our EPS estimates by ~8%/6% for FY27-28 due to higher volume growth estimates and improving profitability in FMEG. The stock is trading at 37x/30x FY27E/FY28E EPS. We value RRKABEL at 35x FY28E EPS to arrive at our revised TP of INR2,960 (vs. INR2,800 earlier). **Reiterate BUY.**

C&W revenue rises ~57% YoY; margin at 9.9% (est. 9.6%)

- Consol. revenue/EBITDA/Adj. PAT stood at INR31.7b/INR2.8b/INR1.9b (up 54%/2.0x/2.2x YoY and ~12%/10%/20% above our estimates). Gross margin expanded 35bp YoY to ~19%. Employee costs increased ~38% YoY (at ~4.1% of revenue vs. 4.5% in 1QFY26). Other expenses increased ~26% YoY (at 5.5% of revenue vs. 6.8% in 1QFY26). The depreciation/interest increased ~46%/74% YoY, while other income jumped 2.7x YoY.
- Segmental highlights: **1) C&W:** Revenue increased ~57% YoY to INR28.8b, and EBIT increased 2.0x YoY to INR2.9b. EBIT margin improved 2.3pp YoY to 9.9%; and **2) FMEG:** Revenue increased ~28% YoY to INR2.9b. The segment reached break-even vs. a loss of INR71m/INR93m in 1QFY26/4QFY26.

Key highlights from the management commentary

- Management indicated that cable volumes rose >25% YoY, notably outpacing wire volume growth of ~12% YoY. The sharp increase in raw material prices had a temporary adverse impact on volumes toward the exit of 1QFY27.
- On raw material costs, it indicated that compared to 2QFY26 levels, current prices imply an increase of ~30% YoY. While such sharp price movements may lead to temporary channel stocking or destocking, it believes C&W demand remains structurally resilient over the medium-to-long-term.

Sanjeev Kumar Singh - Research analyst (Sanjeev.Singh@MotilalOswal.com)

Research analyst - Mudit Agarwal (Mudit.Agarwal@MotilalOswal.com) | **Abhishek Sheth** (Abhishek.Sheth@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

- In FMEG, business growth was supported by healthy demand across lighting, appliances, and switches, while fans benefited from better realizations and an improved premium product mix. The fan volumes remained broadly flat.

Valuation and view

- RRKABEL's 1QFY27 earnings exceeded our estimates, driven by strong volume growth in C&W and healthy performance in FMEG segments. The company's volume growth in C&W at ~17% YoY was above the industry growth estimated at ~10-12%. The management remains focused on outperforming industry growth in the C&W business by increasing its presence in the higher-value cables and B2B segments. The margin improvement in the C&W segment was also encouraging, led by positive operating leverage and an improvement in product mix. Management believes it will achieve sustainable break-even in FY27 in the FMEG business.
- We estimate RRKABEL's revenue/EBITDA/PAT CAGR at ~25%/36%/40% over FY26-28. We estimate OPM at 9.2%/9.6% in FY27/FY28 vs. 8.1% in FY26. The stock is trading at 37x/30x FY27E/28E EPS. We value RRKABEL at 35x FY28E EPS to arrive at our revised TP of INR2,960 (earlier INR2,800). **Reiterate BUY.**

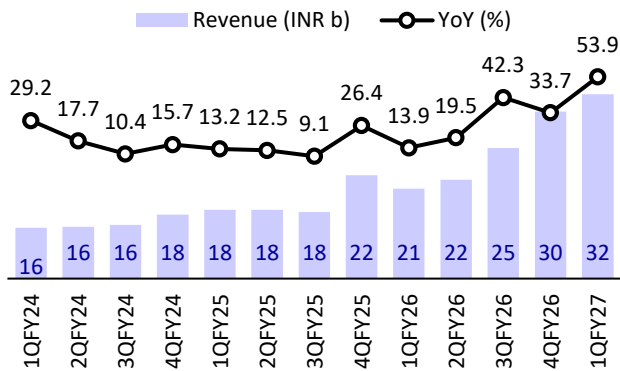
Quarterly performance

	(INR m)											
	FY26				FY27				FY26	FY27E	MOFSL	Var.
Y/E March	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)
Sales	20,586	21,638	25,359	29,641	31,682	28,768	31,182	35,037	97,224	1,26,668	28,370	12
YoY Change (%)	13.9	19.5	42.3	33.7	53.9	33.0	23.0	18.2	27.6	30.3	37.8	
EBITDA	1,421	1,758	2,043	2,617	2,832	2,370	2,810	3,639	7,838	11,651	2,570	10
YoY Change (%)	49.6	104.9	84.8	34.6	99.3	34.8	37.5	39.1	61.4	48.6	80.9	
Adj EBITDA margin (%)	6.9	8.1	8.1	8.8	8.9	8.2	9.0	10.4	8.1	9.2	9.1	(12)
Depreciation	203	219	239	262	297	300	312	399	923	1,308	275	8
Interest	151	162	189	250	263	235	220	218	753	936	230	14
Other Income	124	169	142	129	329	185	145	135	564	794	125	163
PBT	1,190	1,546	1,757	2,234	2,601	2,020	2,423	3,158	6,727	10,202	2,190	19
Tax	303	386	405	574	708	525	620	776	1,668	2,629	569	
Effective Tax Rate (%)	25.4	25.0	23.1	25.7	27.2	26.0	25.6	24.6	24.8	25.8	26.0	
Extra-ordinary Items	-	-	190	-	(138)	-	-	-	190	(138)		
JV share	10	3	21	19	21	3	15	21	53	60	6	
Reported PAT	898	1,163	1,182	1,680	2,052	1,498	1,817	2,403	4,922	7,771	1,626	26
Change (%)	39.4	134.7	72.4	30.1	128.6	28.9	53.7	43.1	58.0	57.9	81.2	
Adj PAT	898	1,163	1,329	1,680	1,950	1,498	1,817	2,403	5,068	7,668	1,626	20
YoY Change (%)	39.4	134.7	93.8	30.1	117.2	28.9	36.8	43.1	62.7	51.3	81.2	
Margins (%)	4.4	5.4	5.2	5.7	6.2	5.2	5.8	6.9	5.2	6.1	5.7	

Segmental performance (INR m)

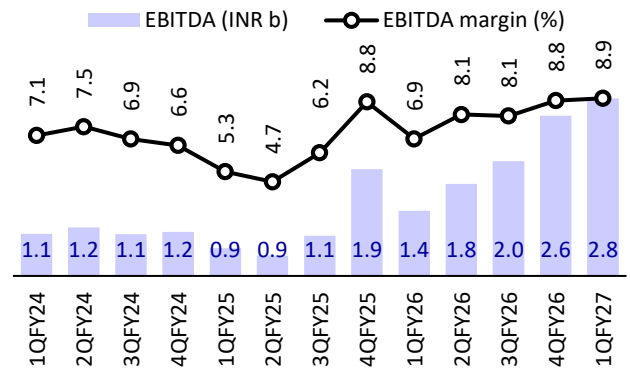
	FY26				FY27E				FY26	FY27E	MOFSL	Var.
Y/E March	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)
Sales												
Cables & Wires	18,335	19,712	22,926	26,664	28,800	26,611	28,658	31,659	87,637	1,15,727	25,669	12.2
FMEG	2,251	1,926	2,432	2,977	2,882	2,157	2,524	3,378	9,586	10,941	2,701	6.7
Growth YoY (%)												
Cables & Wires	16.2	22.3	48.6	36.3	57.1	35.0	25.0	18.7	31.0	32.1	40.0	
FMEG	(2.1)	(2.9)	1.5	13.8	28.1	12.0	3.8	13.5	3.1	14.1	20.0	
EBIT												
Cables & Wires	1,391	1,804	1,988	2,573	2,854	2,342	2,665	3,192	7,756	11,053	2,464	15.8
FMEG	(71)	(117)	(49)	(93)	-	(86)	-	32	(330)	(55)	(68)	NA
EBIT Margin (%)												
Cables & Wires	7.6	9.2	8.7	9.6	9.9	8.8	9.3	10.1	8.9	9.6	9.6	31
FMEG	(3.2)	(6.1)	(2.0)	(3.1)	-	(4.0)	-	0.9	(3.4)	(0.5)	(2.5)	250

Exhibit 1: Total revenue grew ~54% YoY in 1QFY27



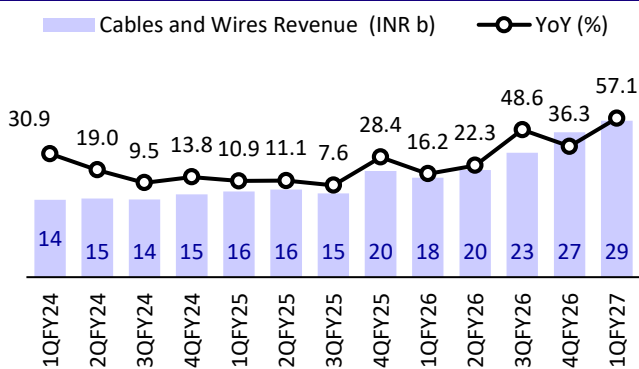
Source: MOFSL, Company

Exhibit 2: EBITDA grew 2x YoY, and OPM expanded 2pp YoY



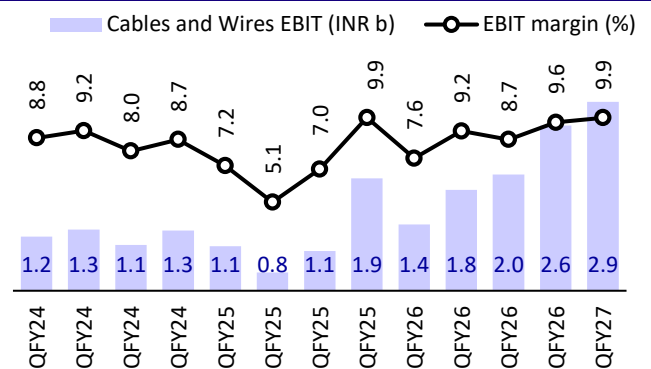
Source: MOFSL, Company

Exhibit 3: C&W's revenue grew ~57% YoY



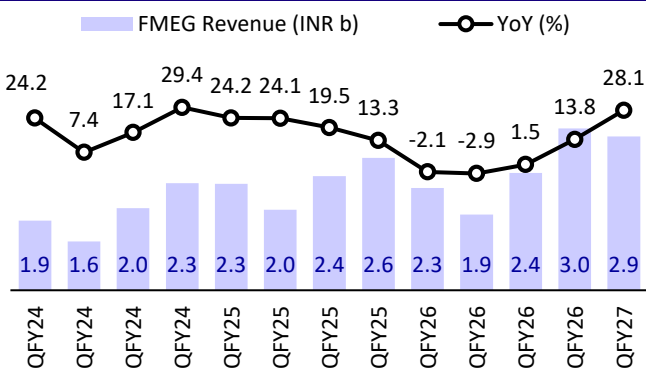
Source: MOFSL, Company

Exhibit 4: C&W's EBIT margin improved 2.3pp YoY



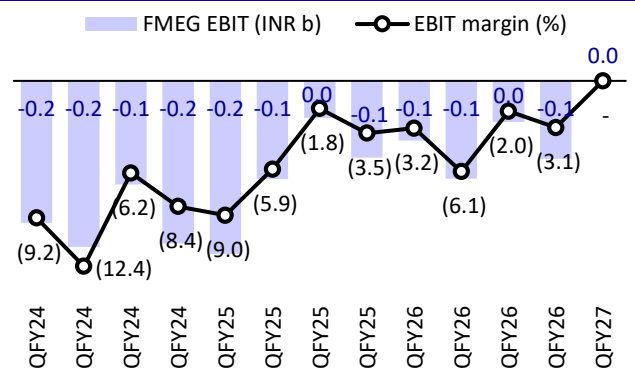
Source: MOFSL, Company

Exhibit 5: FMEG's revenue increased 28% YoY



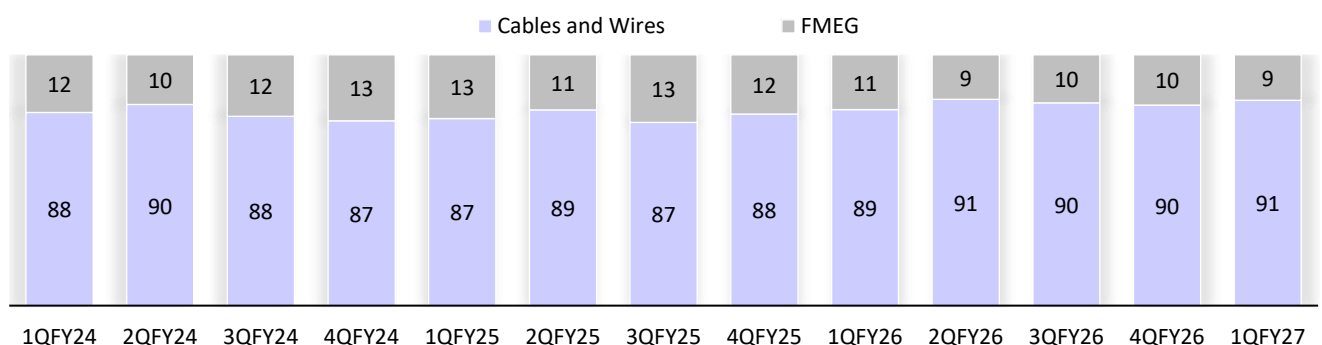
Source: MOFSL, Company

Exhibit 6: FMEG's EBIT achieved break-even



Source: MOFSL, Company

Exhibit 7: Revenue contribution from the C&W and FMEG segments



Source: MOFSL, Company



Key highlights from the management commentary

C&W demand and outlook

- C&W volumes grew ~17% YoY, driven by broad-based growth across domestic and export markets. Cable volumes increased by >25% YoY, significantly outpacing wire volume growth of ~12% YoY.
- It remains focused on improving product availability, expanding its distribution network, and strengthening dealer engagement.
- Industry C&W demand growth is estimated at ~10%–12%. The company's geographically diversified export portfolio helped offset temporary disruptions in the Middle East.
- It indicated that despite continued volatility in metal prices, foreign exchange movements and global macro uncertainty, demand remained healthy across infrastructure, construction, industrial projects and power applications.
- C&W continued to remain the key growth driver, with healthy growth across both domestic and export markets. Although exports were impacted by the temporary disruption in the Middle East, the weakness was largely offset by stronger demand from other export markets. Shipments to the Middle East normalized during May-Jun'26, though some supply chain challenges continue to persist.
- In the B2B segment, it continues to invest in project, industrial and power cable capabilities, which it believes will become an increasingly important growth driver over the medium term.
- Its export strategy is increasingly focused on higher-value cable products rather than wires, which has supported stronger export growth despite ongoing global uncertainties. It views the current performance as the beginning of a broader global expansion, with efforts underway to strengthen its presence across new geographies, expand the product portfolio and secure customer approvals in additional international markets.
- On the data center opportunity, it indicated that the business is currently in the customer acquisition and relationship-building phase rather than a rapid scale-up stage. The company has started receiving initial orders for conventional cable products and expects to gradually expand its customer base as engagement with data center operators deepens.
- On domestic regional performance, it highlighted that growth in South India continues to improve. It has a strong presence in the North and West, which together contribute ~65% of domestic revenue. While growth in the East remains relatively modest, the company continues to strengthen its presence in the region.

C&W margin and near-term outlook

- Margin improvement is attributed primarily to operating leverage and scale benefits, supported by better fixed-cost absorption, an improving product mix and various cost optimization initiatives. It indicated that while it aims to achieve double-digit EBITDA margins in the W&C business over time, it continues to maintain its FY28 EBITDA margin guidance of ~10.5%
- On raw material costs, it indicated that compared to 2QFY26 levels, current prices imply an increase of ~30% YoY. While such sharp price movements may lead to temporary channel stocking or destocking, it believes C&W demand remains structurally resilient given its broad-based end-market exposure.

- The sharp increase in raw material prices had a temporary adverse impact on volumes toward the exit of 1QFY27, but management expects business trends to normalize over the longer term.
- It indicated that domestic cable margins currently stand at ~6–7%, but expects them to improve to ~10–11% over the medium term as scale increases, capacity utilization improves, and market share expands. While export wire margins remain relatively lower, domestic wires continue to enjoy superior profitability, and export cables already generate healthy margins.

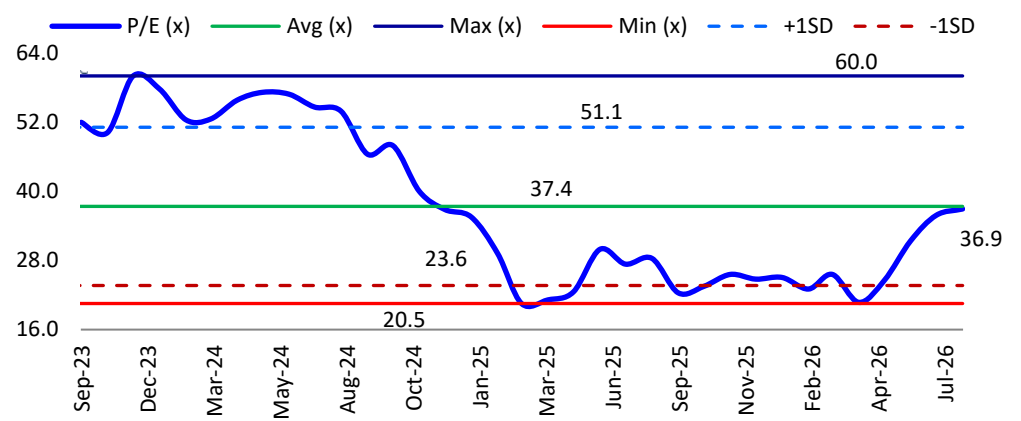
FMEG segment

- In FMEG, business growth was supported by healthy demand across lighting, appliances and switches, while fans benefited from better realizations and an improved premium product mix. Fan volumes remained broadly flat. Premium products now contribute ~25% of fan revenues.
- It indicated that 1/3rd of FMEG production is in-house, while the remaining 2/3rd is outsourced. Ceiling fans and switches are primarily manufactured in-house, and the company intends to broadly maintain this manufacturing mix while focusing on expanding market share through product innovation, R&D, and brand building.
- Within the FMEG portfolio, it highlighted that commercial lighting is partly manufactured in-house, whereas most lighting and appliance products are outsourced. Appliances contribute ~10%–11% of FMEG revenue, with key categories including geysers, air coolers and small domestic appliances.
- **Outlook:** It reiterated its target of delivering ~20% annual revenue growth while achieving sustainable break-even in FY27. Over the medium term, it aims to build the business into a consistently profitable growth engine, supported by sustained top-line growth, premiumization and operating leverage.

Capex plans

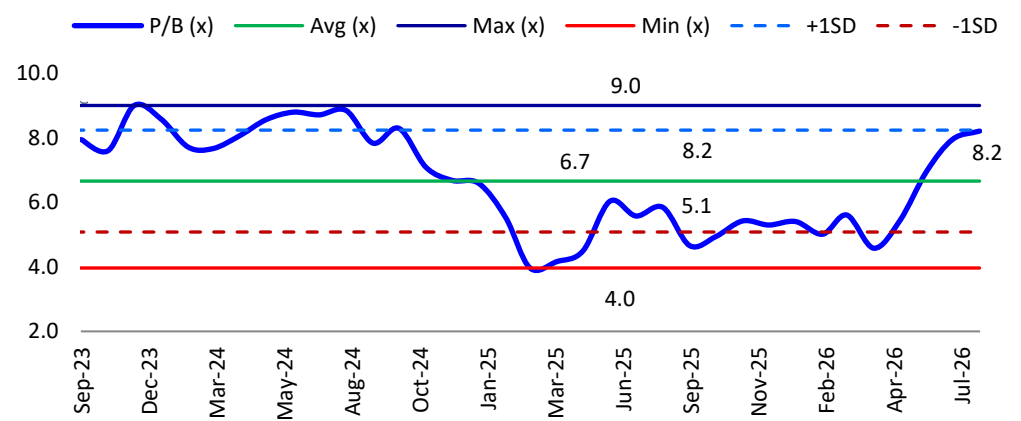
- On capacity expansion, new wire capacity at Silvassa will be commissioned during the current quarter, while additional cable capacity at Waghodia will be added later in the year. The capex program has been aligned with the company's targeted volume growth and is expected to adequately support future demand.
- The future capacity additions will remain focused on the power cable segment, while simultaneously expanding into higher-value and specialized cable categories. It aims to strengthen its presence in high-voltage (HV) cables, where its current market share remains relatively low compared to the low-voltage (LV) segment.
- It reiterated that its INR12b capex program remains on track, with nearly ~80% allocated toward the cable business. Of the total planned investment, around INR3b was deployed in FY26, while INR6.0–6.5b is expected to be invested during FY27. The capex is primarily aimed at expanding cable capacity, where utilization remains high at ~90%. In the wire segment, utilization is at ~65%–70% utilization.

Exhibit 8: One-year forward P/E chart



Source: MOFSL, Company

Exhibit 9: One-year forward P/B chart



Source: MOFSL, Company

Financials and valuations (Consolidated)

Income Statement (INR m)

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Net Sales	27,239	43,859	55,992	65,946	76,182	97,224	1,26,668	1,51,525
Change (%)	9.9	61.0	27.7	17.8	15.5	27.6	30.3	19.6
EBITDA	2,301	3,032	3,223	4,617	4,856	7,838	11,651	14,534
Change (%)	12.4	31.8	6.3	43.2	5.2	61.4	48.6	24.7
Margin (%)	8.4	6.9	5.8	7.0	6.4	8.1	9.2	9.6
Depreciation	448	461	596	655	705	923	1,308	1,419
Int. and Fin. Charges	271	233	421	539	589	753	936	1,102
Other Income	220	463	344	626	511	564	794	817
Profit before Taxes	1,803	2,802	2,550	4,050	4,074	6,727	10,202	12,830
Change (%)	14.3	55.4	(9.0)	58.8	0.6	65.1	51.7	25.8
Margin (%)	6.6	6.4	4.6	6.1	5.3	6.9	8.1	8.5
Tax	460	704	661	1,080	978	1,668	2,629	3,307
Tax Rate (%)	25.5	25.1	25.9	26.7	24.0	24.8	25.8	25.8
Profit before JV/Associates	1,343	2,097	1,889	2,970	3,095	5,059	7,573	9,523
Share of JV/Associates	11	42	9	11	21	53	60	65
Adjusted PAT	1,354	2,139	1,899	2,981	3,116	5,068	7,668	9,588
Change (%)	11	58	(11)	57	5	63	51	25
Margin (%)	5.0	4.9	3.4	4.5	4.1	5.2	6.1	6.3
Exceptional/Prior Period inc	-	-	-	-	-	(190)	138	-
Reported PAT	1,354	2,139	1,899	2,981	3,116	4,922	7,771	9,588

Balance Sheet (INR m)

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Share Capital	239	239	478	564	565	566	566	566
Reserves	10,227	12,264	13,718	17,721	20,961	25,178	32,157	40,841
Net Worth	10,466	12,503	14,197	18,285	21,526	25,744	32,723	41,406
Loans	4,987	5,211	5,158	2,890	2,220	2,323	2,823	3,023
Deferred Tax Liability	79	131	149	247	302	401	401	401
Capital Employed	15,532	17,845	19,504	21,422	24,049	28,468	35,947	44,830
Gross Fixed Assets	5,526	5,914	7,574	8,222	11,098	17,243	22,979	27,041
Less: Depreciation	1,527	1,923	2,403	2,876	3,409	4,331	5,639	7,058
Net Fixed Assets	3,999	3,991	5,172	5,346	7,690	12,912	17,340	19,983
Capital WIP	67	423	436	1,636	2,347	722	722	722
Investments	406	622	777	1,065	1,868	2,052	2,052	2,052
Curr. Assets	12,679	15,471	19,951	20,646	23,264	31,649	34,607	44,525
Inventory	5,341	7,096	8,602	8,978	10,109	17,705	18,119	21,674
Investments	1,960	2,055	2,849	2,350	524	501	501	501
Debtors	4,204	5,171	5,919	6,412	8,232	9,980	11,864	14,192
Cash & Bank Balance	85	123	811	988	2,269	907	676	4,057
Loans & Advances	58	143	129	326	367	158	206	247
Other Current Assets	1,032	882	1,642	1,592	1,764	2,397	3,242	3,854
Current Liab. & Prov.	1,619	2,661	6,832	7,271	11,120	17,682	18,774	22,452
Creditors	1,135	1,679	4,401	4,292	7,623	13,642	13,710	16,394
Other Liabilities	369	771	1,982	2,582	3,052	3,306	4,354	5,208
Provisions	115	212	448	397	445	734	711	850
Net Current Assets	11,061	12,809	13,119	13,375	12,144	13,967	15,833	22,073
Application of Funds	15,532	17,845	19,504	21,422	24,049	29,653	35,947	44,830

Financials and valuations (Consolidated)

Ratios

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Basic (INR)								
EPS	12.0	18.9	16.8	26.4	27.6	44.8	67.8	84.8
Cash EPS	15.9	23.0	22.1	32.1	33.8	53.0	79.4	97.3
BV/Share	218.7	261.3	148.4	162.1	190.4	227.6	289.3	366.1
DPS	0.0	0.0	0.0	3.0	6.0	7.0	7.0	8.0
Payout %	0.0	0.0	0.0	11.4	21.8	15.6	10.3	9.4
Valuation (x)								
P/E	210.7	133.3	150.2	95.7	91.6	56.3	37.2	29.8
Cash P/E	158.4	109.7	114.3	78.5	74.7	47.6	31.8	25.9
EV/Sales	10.6	6.6	5.1	4.3	3.7	2.9	2.3	1.9
EV/EBITDA	125.2	95.1	89.0	61.7	58.6	36.5	24.6	19.5
P/BV	11.5	9.7	17.0	15.6	13.2	11.1	8.7	6.9
Dividend Yield (%)	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3
Return Ratios (%)								
RoE	13.9	18.6	14.2	18.4	15.7	21.4	26.2	25.9
RoCE	10.8	13.7	11.9	16.6	15.8	21.7	26.0	25.9
RoIC	10.2	12.3	12.3	16.1	14.8	19.2	22.1	24.2
Working Capital Ratios								
Debtor (Days)	56.3	43.0	38.6	35.5	39.4	37.5	35.0	35.0
Creditor (Days)	15.2	14.0	28.7	23.8	36.5	51.2	39.5	39.5
Inventory (Days)	71.6	59.1	56.1	49.7	48.4	66.5	52.2	52.2
Asset Turnover (x)	1.9	2.6	3.0	3.2	3.4	3.6	3.9	3.8
Leverage Ratio								
Debt/Equity (x)	0.5	0.4	0.4	0.2	0.1	0.1	0.1	0.1

Cash Flow Statement

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Profit before tax	1,803	2,844	2,560	4,061	4,095	6,780	10,262	12,895
Depreciation	448	461	596	655	705	923	1,308	1,419
Exceptional Income	-	-	-	-	-	-	138	-
Interest Paid	271	233	421	539	589	753	936	1,102
Others	23	(69)	9	(259)	(136)	(76)	(794)	(817)
Direct Taxes Paid	(419)	(733)	(582)	(965)	(965)	(1,528)	(2,629)	(3,307)
(Incr)/Decr in WC	(2,837)	(1,754)	1,534	(641)	656	(3,899)	(2,098)	(2,859)
CF from Operations	(711)	982	4,537	3,390	4,944	2,953	7,122	8,433
Incr in FA	(474)	(682)	(1,083)	(1,897)	(3,671)	(2,910)	(6,920)	(4,062)
Pur of Investments	367	(2)	(1,188)	982	1,937	220	-	-
Interest/MF/Div Income	39	11	27	58	30	33	794	817
Others	10	47	(1,090)	22	13	24	-	-
CF from Invest.	(59)	(627)	(3,335)	(835)	(1,690)	(2,634)	(6,127)	(3,245)
Changes in Net worth	-	-	-	1,800	83	11	-	-
Incr in Debt	1,029	184	(160)	(2,408)	(836)	(84)	500	200
Dividend Paid	-	(278)	(500)	(838)	(621)	(848)	(792)	(905)
Interest paid	(287)	(222)	(355)	(506)	(538)	(699)	(936)	(1,102)
Others	(33)	(40)	-	(98)	-	-	-	-
CF from Fin. Activity	708	(356)	(1,015)	(2,050)	(1,912)	(1,620)	(1,227)	(1,807)
Incr/Decr of Cash	(61)	(1)	187	505	1,342	(1,302)	(232)	3,382
Add: Opening Balance	113	85	623	483	815	2,269	908	676
Closing Balance	85	123	811	988	2,269	908	676	4,057

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	$\geq 15\%$
SELL	$< - 10\%$
NEUTRAL	$< - 10\%$ to 15%
UNDER REVIEW	Rating may undergo a change
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412 and BSE enlistment no. 5028. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products and is a member of Association of Portfolio Managers in India (APMI) for distribution of PMS products. Details of associate entities of Motilal Oswal Financial Services Ltd. are available on the website at <http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.pdf>

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx>. As per Regulatory requirements, Research Audit Report is uploaded on www.motilaloswal.com > MOFSL-Important Links > MOFSL Research Analyst Compliance Audit Report.

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts"), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement. The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL.

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies). MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.
Nature of Financial interest is holding equity shares or derivatives of the subject company
- Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.
MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.
MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies).
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months.
- MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months.
- MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
- MOFSL has not engaged in market making activity for the subject company.

The associates of MOFSL may have:

- financial interest in the subject company
 - actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
 - received compensation/other benefits from the subject company in the past 12 months
 - any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
 - acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
 - be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
 - received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.
 - Served subject company as its clients during twelve months preceding the date of distribution of the research report.
- The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report
- Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, nor its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI, enlistment as RA with Exchange and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com
Mr. Neeraj Agarwal	022 40548085	na@motilaloswal.com
Mr. Siddhartha Khemka	022 50362452	po.research@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412, BSE enlistment no. 5028, AMFI registered Mutual Fund Distributor and SIF Distributor: ARN : 146822. IRDA Corporate Agent – CA0579, APMI: APRN00233. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.