

January 9, 2024

#### **Exhibit 1: PL Universe**

Companies	Rating	CMP (Rs)	TP (Rs)
Bajaj Electricals	HOLD	1,026	1,047
Crompton Greaves Cons. Elec.	BUY	313	397
Havells India	Acc	1,376	1,538
KEI Industries	HOLD	3,314	3,234
Polycab India	Acc	5,344	6,021
R R Kabel	BUY	1,566	1,872
Voltas	HOLD	990	1,003

Acc=Accumulate

**Top Picks** 

Source: PL

**RR Kabel** 

Havells India

**Compton Greaves Consumer** 

### Praveen Sahay

praveensahay@plindia.com | 91-22-66322369

# **Consumer Durables**

# Oct-Dec'23 Earnings Preview

## Moderate festival demand, soft performance

### **Quick Pointers:**

- Moderate seasonal demand & higher base resulted in soft growth.
- C&W segment expected to outperform our coverage over sales.

Q3FY24 stands impacted from moderate festive demand and higher base of previous year due to restocking. Cable & Wires segment will continue to outperform over other segments, while growth in wires vertical is sluggish. Being weak season for RAC/Fans, the sector is expecting moderate growth in volume and impact of high base is also visible. However, as per our channel check normal to low inventory levels in channel is expected to drive growth in the upcoming seasonally strong quarters. We expect our consumer durables universe to register sales/EBITDA/PAT growth of 10.5%/11.6%/14.9% YoY in 3QFY24. We also expect Crompton, KEI, Polycab & Voltas to outperform and Bajaj Electricals to underperformance in sales. However, on profitability Crompton and Voltas to outperform in Q3FY24.

We prefer C&W companies with robust growth & return profile, controlled working capital and continuously expanding opportunity market; RR Kabel continues to be our top pick. Our second pick in sector is Havells, which is expected to report healthy recovery in coming quarters. Our contra pick continues to be <a href="Crompton Consumer">Crompton Consumer</a>. The company has taken corrective measures towards growth in H1FY24, which we believe will continue.

- Cable & Wire- Healthy traction continues: Cable B2B business will continue benefitting from industrial volume growth and traction in real estate sector. With less fluctuation in commodity prices healthy volume traction in business will continue, while wire segment stands impacted. KEI/Polycab/RR Kabel to report revenue growth of ~12.2%/11.1%/10.0% in C&W segment. However, stretched valuation keeps limited upside potential for the stocks.
- Moderate growth in festival season for FMEG (ECD & lighting) segment: <u>ECD segment</u> (primarily catering to B2C) continues to face challenges due to 1) sluggish consumer demand, 2) inflationary pressures and 4) off-season for fans & increase in competitive pricing. <u>Lighting segment</u> continues to face challenges in B2C segment, while B2B/B2G continues to see strong traction. We expect Crompton to outperform given its competitive pricing, increase in product SKUs and focus on BLDC portfolio.
- RAC segment- Seasonally weak quarter: Being weak season for RAC, the sector is not expecting major improvement in volume in Q3FY24. However, with capacity expansion by Lloyd and lower channel inventory we expect primary sales improvement. Voltas/Lloyd to grow by 12%/23% in UCP revenue.
- Key changes in Ratings/TP: For our coverage universe, we roll forward to FY26 earnings and upward revise our target price for all coverage companies expect RR Kabel and Havells (refer to exhibit 12). We also maintain our ratings for coverage companies except KEI Industries, downgrade to 'Hold' from Buy with revised TP of Rs 3,234 (earlier Rs 2,908).



### **Channel Check**

We connected with 18 Electronics dealers across India and visited 10 electronics retailers (MBO & EBO) to assess market demand and pricing. Our findings indicate:

- Strong double-digit YoY growth in the demand for Refrigerators, Washing Machines and TVs during the festival season (last 15-20 days of Deepawali).
- Demand for Air Conditioners, however, was moderate in comparison due to weak season. Due to fierce competition, brands have not yet taken any price hike. Nevertheless, at the retail level, offers and discounts are prevalent as a strategy to secure larger share of the market.
- Volumes picked up in Refrigerator and TV segment and no major change was seen in financing terms post changes in policy by RBI and inventory is maintained at normal levels.

We also visited Lohar Chawl to meet electrical dealers. The channel indicates

- Intense competition in the fan segment resulting in competitive pricing. Atomberg (leader in BLDC fans) has taken price correction as per channels, while Crompton currently offers the most competitive pricing.
- Wire prices have decreased by 2-3%, whereas switch prices remained relatively stable.
- Fan sales maintained a moderate pace during the festival season, while there was healthy demand for wires and switches, fueled by optimistic sentiments in the real estate sector.

**Exhibit 2: Q3FY24 Result Preview** 

Company Name		Q3FY24E	Q3FY23	YoY gr. (%)	Q2FY24	QoQ gr. (%)	Remark
	Sales	13,742	14,831	(7.3)	11,128	23.5	We expect sales to decline by 7.3% YoY which is not
	EBITDA	962	1,005	(4.3)	581	65.7	comparable. Sales, ex-EPC revenue, expected to grow by
Bajaj Electricals	Margin (%)	7.0	6.8	22 bps	5.2	178 bps	5.1% YoY. Consumer Products to grow by 5.6% YoY, with appliance to grow by 7% YoY. Lighting expected ~3% YoY
	PBT	737	854	(13.7)	505	46.0	growth. We expect margin of 7.0% (+180bps QoQ).
	Adj. PAT	551	635	(13.1)	378	45.7	Profitability expected to grow ~45.7% QoQ.
Crompton Greaves Consumer Electricals	Sales	17,310	15,162	14.2	17,823	(2.9)	We expect sales to grow by 14.2% YoY with ECD segment revenues expected growth of 13.0% with focus on market
	EBITDA	1,644	1,524	7.9	1,745	(5.8)	
	Margin (%)	9.5	10.1	-55 bps	9.8	-29 bps	expected to rise by 24% YoY with shift in festival demand from Q2 to Q3. EBITDA margin to contract by 60bps YoY
	PBT	1,374	1,146	19.9	1,358	1.2	mainly with lower GM due to competitive pricing and higher
	Adj. PAT	1,028	853	20.6	972	5.8	adv/promotion expenses. PAT is expected to grow by 20.6% YoY.
	Sales	45,249	41,276	9.6	39,003	16.0	
	EBITDA	4,434	4,238	4.6	3,734	18.8	C&W/ECD/Lighting/Lloyd businesses to grow at 8%/2%/6%/23%. ECD segment impacted due to YoY high
Havells India	Margin (%)	9.8	10.3	-47 bps	9.6	23 bps	base of Fan segment & increase in competitive intensity.
	PBT	4,030	3,814	5.7	3,353	20.2	RAC sector had a medium growth & Lloyd benefit with capacity expansion in south India. EBITDA margin expected
	Adj. PAT	3,015	2,835	6.4	2,491	21.1	, , ,
	Sales	20,095	17,843	12.6	19,466	3.2	We expect revenues to grow by 12.6% YoY with C&W
	EBITDA	2,090	1,822	14.7	2,039	2.5	segment grow by 12.2% YoY mainly with healthy growth of
<b>KEI Industries</b>	Margin (%)	10.4	10.2	19 bps	10.5	-7 bps	12%/14% YoY in LT/HT cables, accounts 60% revenue. The EPC segment (incl. cable) is expected to grow by 12%
	PBT	1,927	1,737	10.9	1,884	2.3	YoY. EBITDA margin expected at 10.4% YoY, improved by
,	Adj. PAT	1,442	1,286	12.1	1,402	2.9	+20bps mainly with favourable product mix and cost control.



Company Name		Q3FY24E	Q3FY23	YoY gr. (%)	Q2FY24	QoQ gr. (%)	Remark
	Sales	41,602	37,151	12.0	42,177	(1.4)	
	EBITDA	5,575	5,038	10.7	6,089	(8.4)	Cables growing by 11.1%, lower growth due to last 10days disruption in business & slowdown in wire business. FMEG
Polycab India	Margin (%)	13.4	13.6	-16 bps	14.4	-104 bps	expected growth of 4% YoY impacted due to seasonally
	PBT	5,055	4,818	4.9	5,572	(9.3)	weak quarter for fan segment. We expect margins to contract by 20bps YoY with loss of sales. PAT to grow by
	Adj. PAT	3,746	3,576	4.7	4,256	(12.0)	4.7% YoY.
	Sales	16,201	14,795	9.5	16,097	0.6	NA compact resuggest to green by Q FO/ VeV with COM
	EBITDA	1,255	1,176	6.7	1,209	3.8	We expect revenues to grow by 9.5% YoY with C&W segment to grow at 10% YoY. FMEG business expected to
R R Kabel	Margin (%)	7.7	7.9	-20 bps	7.5	23 bps	grow by 2.9%. EBITDA margin to improve sequentially at
	PBT	1,071	933	14.8	1,049	2.1	7.6% YoY, mainly with favourable product mix and cost control.
	Adj. PAT	808	714	13.2	741	9.1	oorwo.
	Sales	23,558	20,056	17.5	22,928	2.7	RAC industry continue to see higher competitive intensity Q2FY24, there is no improvement in RAC demand with
	EBITDA	1,413	764	85.1	703	101.1	
Voltas	Margin (%)	6.0	3.8	219 bps	3.1	294 bps	growth of 12.0% YoY. The volume growth expected good considering weak quarter. Beko continue to report loss.
	PBT	1,884	896	110.4	1,181	59.5	EMPS segment expected 30% YoY growth with positive
,	Adj. PAT	1,096	270	305.9	367	198.9	margin. Consolidated revenues to grow by 17.5% YoY with EBITDA margin at 6.0% (+210bps YoY).

Exhibit 3: Category wise growth across our coverage – Healthy growth expected Cable & Wire segment

	FY18	FY19	FY20	FY21	FY22	FY23	5 yr CAGR	FY24E	FY25E	FY26E
Cables & wires (Rs Bn)										
Havells	26.8	32.3	29.9	31.8	46.5	55.3	15.6%	64.2	75.1	87.1
Polycab	62.4	69.3	75.2	75.8	107.0	125.4	15.0%	155.8	180.0	210.0
KEI Industries	28.1	35.0	41.2	37.2	53.5	65.1	18.3%	76.0	89.4	102.7
RR Kabel	19.8	22.6	22.5	25.2	41.1	49.6	20.2%	61.7	78.4	91.7
Cables & Wires margin %										
Havells	16.3	16.1	16.3	16.3	14.6	16.0		16.0	16.0	16.0
Polycab	10.3	12.1	12.3	12.0	9.7	13.1		12.0	12.0	12.9
KEI Industries	10.8	10.7	10.9	11.2	9.3	9.1		10.9	11.4	11.4
RR Kabel	10.7	7.5	8.9	9.0	7.8	7.1		8.8	9.0	9.3
FMEG (Rs bn) (ECD & Lighting)										
Polycab	4.9	6.4	8.4	10.3	12.5	12.6	21.0%	14.4	16.7	19.7
Bajaj Electricals	22.3	27.4	30.8	33.0	43.7	48.8	17.0%	49.8	55.8	63.2
Havells	27.4	34.1	33.6	34.9	44.7	49.1	12.4%	52.6	58.5	63.1
Crompton	41.1	44.8	45.1	48.0	53.9	58.1	7.2%	64.0	74.7	86.4
RR Kabel	-	1.5	1.9	2.0	2.7	6.5	-	7.5	8.3	9.2
FMEG margin %										
Polycab	1.8	1.2	2.0	5.5	1.6	(0.4)		3.5	5.5	7.0
Bajaj Electricals	4.7	8.1	7.6	10.5	7.5	6.1		4.8	7.0	7.7
Havells	27.6	27.1	27.5	27.1	25.7	27.7		27.7	27.6	27.6
Crompton	16.6	16.1	16.4	17.8	17.7	18.4		18.8	18.9	19.0
RR Kabel		(3.9)	(9.2)	(14.7)	(10.9)	(10.7)		(7.6)	(5.7)	(4.1)
EPC (Rs bn)										
KEI Industries	9.6	10.3	14.0	9.8	8.7	7.1	-5.9%	9.9	11.0	12.0
EPC margin %										
KEI Industries	10.9	13.8	11.7	9.3	9.4	9.5		8.5	8.5	8.5

Source: Company, PL

January 9, 2024



Exhibit 4: Returns maintained at healthy level

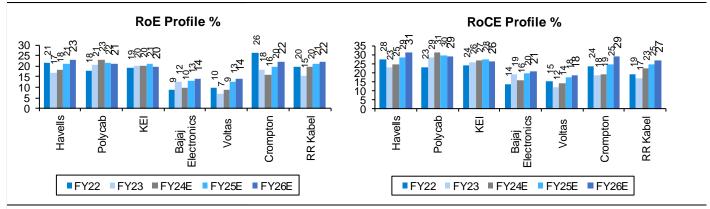


Exhibit 5: Efficient working capital management, robust business model

Days		Havells	Polycab	KEI	Bajaj Electricals	Voltas	Crompton	RR Kabel
	FY22	78	65	69	74	76	49	59
	FY23	80	76	58	79	61	40	56
Inventory	FY24E	75	85	60	70	50	40	57
	FY25E	75	85	65	70	50	40	57
	FY26E	75	85	65	70	50	40	57
	FY22	20	39	89	87	97	42	43
	FY23	21	32	73	111	84	36	39
Debtor	FY24E	18	26	75	90	85	34	37
	FY25E	17	26	80	90	85	34	37
	FY26E	15	26	80	90	85	34	37
	FY22	62	47	49	93	135	69	14
	FY23	57	71	40	117	116	56	29
Payable	FY24E	47	64	46	100	116	55	24
	FY25E	47	64	46	100	113	54	24
	FY26E	46	64	46	100	113	54	24
	FY22	35	57	109	68	38	22	88
	FY23	44	38	92	73	30	20	66
Cash Cycle	FY24E	46	47	89	60	19	19	70
	FY25E	45	47	99	60	22	20	70
	FY26E	44	47	99	60	22	20	70

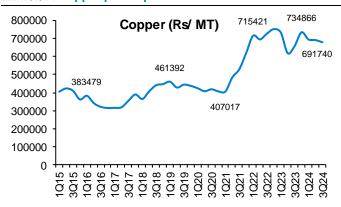
Source: Company, PL



Exhibit 6: FCF improvement visible across companies

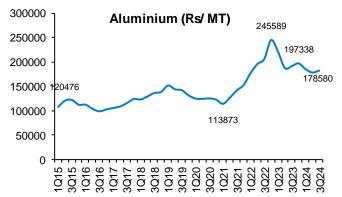
FY22 FY23 Havells FY24l FY25l FY26l FY22	17,319	18,186 17,265 20,444	3,243 (8,967)	17,280 4,545	(2,528)	14,752	144.4%	123.3%
Havells FY24l FY25l FY26l	12,904 17,319	20,444	(8,967)	1 515				
FY25I FY26I	17,319			4,545	(6,022)	(1,477)	42.4%	-13.8%
FY26I		a=	(1,750)	14,336	(5,670)	8,666	111.1%	67.2%
	22,266	27,288	(1,843)	19,595	(2,800)	16,795	113.1%	97.0%
FY22		34,182	(1,179)	25,482	(2,900)	22,582	114.4%	101.4%
	9,120	13,430	(4,974)	5,116	5,330	10,446	56.1%	114.5%
FY23	12,700	19,557	(515)	14,792	(4,763)	10,029	116.5%	79.0%
Polycab FY24	17,062	25,602	(6,335)	13,758	(5,558)	8,200	80.6%	48.1%
FY25I	19,610	28,982	(4,952)	17,530	(5,323)	12,207	89.4%	62.3%
FY26I	23,080	33,844	(5,325)	20,794	(5,402)	15,391	90.1%	66.7%
FY22	3,761	6,088	(2,555)	2,286	(596)	1,690	60.8%	44.9%
FY23	4,766	6,996	(439)	4,911	(915)	3,995	103.0%	83.8%
KEI Industries	5,798	8,317	(2,574)	3,761	(3,308)	453	64.9%	7.8%
FY25I	7,207	10,490	(5,906)	2,102	(1,824)	278	29.2%	3.9%
FY26I	8,240	11,952	(3,521)	5,594	(1,320)	4,274	67.9%	51.9%
FY22	1,368	9,611	190	9,358	(49)	9,309	684.1%	680.5%
FY23	2,296	5,335	739	5,201	206	5,408	226.5%	235.5%
Bajaj Electricals	1,982	4,899	790	5,000	(1,638)	3,362	252.4%	169.7%
FY25I	2,893	5,771	(813)	3,983	(1,171)	2,812	137.7%	97.2%
FY26I	3,444	6,475	(1,165)	4,150	(1,241)	2,909	120.5%	84.5%
FY22	5,041	8,449	(438)	5,842	(469)	5,373	115.9%	106.6%
FY23	1,350	2,031	31	352	(2,196)	(1,844)	26.1%	-136.5%
Voltas FY24	5,057	9,446	1,057	8,352	(1,893)	6,459	165.2%	127.7%
FY25I	7,755	11,967	(2,613)	6,389	(3,213)	3,176	82.4%	41.0%
FY26I	9,436	13,946	(3,067)	7,519	(1,805)	5,714	79.7%	60.6%
FY22	5,862	8,034	1,028	7,359	(1,712)	5,648	125.6%	96.4%
FY23	4,632	7,896	3,614	10,153	(1,059)	9,094	219.2%	196.3%
Crompton FY24	4,463	8,071	(621)	5,952	724	6,676	133.3%	149.6%
FY25I	6,030	10,099	(2,641)	5,368	(483)	4,885	89.0%	81.0%
FY26I	7,380	11,548	(830)	8,166	(630)	7,537	110.7%	102.1%
FY22	2,245	3,129	(1,649)	775	(809)	(34)	34.5%	-1.5%
FY23	2,041	3,072	819	3,230	(1,790)	1,440	158.3%	70.6%
RR Kabel FY24	3,312	5,092	(2,858)	1,075	(2,875)	(1,800)	32.4%	-54.4%
FY25I	4,616	7,063	(3,212)	2,302	(2,202)	99	49.9%	2.1%
FY26I	5,959	8,984	(2,636)	4,348	(2,208)	2,139	73.0%	35.9%

Exhibit 7: Copper price up 3.2% YoY/ down 1.7% QoQ



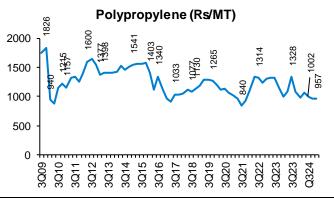
Source: PL

Exhibit 8: Aluminum price down 4.8%YoY / up 2.2%QoQ



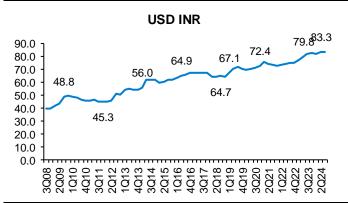
Source: PL

Exhibit 9: Polypropylene prices down 2.3%YoY/ flat QoQ



Source: PL

Exhibit 10: Avg INR depreciated by 1.3% YoY/flat QoQ



Source: PL



**Exhibit 11: Valuation Summary** 

Company Names S/C Rating		CMP	TP	MCap	Sales (Rs bn)				EBITDA (Rs bn)			PAT (Rs bn)			EPS (Rs)				RoE (%)				PE (x)						
		Kaung	(Rs)		(Rs bn)	FY23	FY24E	FY25E	FY26E	FY23 I	FY24E	FY25E	FY26E	FY23 F	Y24E F	Y25E F	Y26E	FY23	FY24E F	Y25E	FY26E	FY23 F	Y24E F	Y25E F	Y26E	FY23 I	Y24E F	Y25E F	Y26E
Bajaj Electricals	S	HOLD	1,026	1,047	118.1	48.8	49.8	55.8	63.2	3.7	3.2	4.5	5.4	2.3	2.0	2.9	3.4	19.9	17.2	25.1	29.9	12.4	9.7	13.0	13.8	51.4	59.6	40.8	34.3
Crompton Greaves Consumer Electricals	С	BUY	313	397	205.4	68.7	74.0	85.8	99.0	7.7	7.3	9.2	11.0	4.6	4.5	6.0	7.4	7.3	6.8	9.2	11.3	18.1	16.0	19.9	22.0	43.0	46.0	34.1	27.8
Havells India	С	Acc	1,376	1,538	861.8	169.1	190.7	219.9	249.8	16.0	18.7	24.5	30.8	10.7	12.9	17.3	22.3	17.1	20.6	27.6	35.5	17.0	18.1	21.0	23.0	80.4	66.8	49.8	38.7
KEI Industries	С	HOLD	3,314	3,234	298.9	69.1	80.5	94.1	107.5	7.1	8.4	10.5	11.9	4.8	5.8	7.2	8.2	52.8	64.3	79.9	91.4	20.2	20.3	20.9	19.8	62.7	51.6	41.5	36.3
Polycab India	С	Acc	5,344	6,021	800.4	141.1	176.5	204.0	237.9	18.5	24.5	28.1	32.7	12.7	17.1	19.6	23.1	84.8	113.9	130.9	154.1	20.9	23.1	21.8	21.3	63.0	46.9	40.8	34.7
R R Kabel	С	BUY	1,566	1,872	176.7	56.0	69.2	86.7	100.9	3.2	5.1	7.1	9.0	2.0	3.3	4.6	6.0	21.3	29.4	40.9	52.8	15.3	19.7	21.3	22.1	73.4	53.3	38.3	29.6
Voltas	С	HOLD	990	1,003	327.5	95.0	116.9	128.4	144.0	5.7	6.5	9.8	11.2	3.8	5.1	7.8	9.4	11.5	15.3	23.4	28.5	6.9	9.0	12.7	14.0	86.4	64.8	42.2	34.7

S=Standalone / C=Consolidated / Acc=Accumulate

**Exhibit 12: Change in Estimates** 

	Rating	Tax	get Price	_			Sale	es			PAT						EPS					
	Rat	ung	Tai	get Price	е	FY24E			FY25E		FY24E		FY25E				Y24E		FY25E			
	С	Р	С	P	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	% P Chng
Bajaj Electricals	HOLD	HOLD	1,047	1,032	1.5%	49,843	50,847	-2.0%	55,774	56,937	-2.0%	1,982	2,264	-12.5%	2,893	2,935	-1.4%	17.2	19.7	-12.5%	25.1	25.5 -1.4%
Crompton Greaves Consumer Electricals	BUY	BUY	397	377	5.4%	74,049	75,002	-1.3%	85,833	86,919	-1.2%	4,463	4,832	-7.6%	6,030	6,414	-6.0%	6.8	7.4	-7.6%	9.2	9.8 -6.0%
Havells India	Acc	Acc	1,538	1,538	0.0%	1,90,708	1,93,849	-1.6%	2,19,861	2,22,409	-1.1%	12,904	13,650	-5.5%	17,319	17,439	-0.7%	20.6	21.8	-5.5%	27.6	27.8 -0.7%
KEI Industries	HOLD	BUY	3,234	2,908	11.2%	80,525	82,380	-2.3%	94,145	96,240	-2.2%	5,798	6,154	-5.8%	7,207	7,430	-3.0%	64.3	68.2	-5.8%	79.9	82.4 -3.0%
Polycab India	Acc	Acc	6,021	5,943	1.3%	1,76,517	1,80,233	-2.1%	2,03,957	2,08,231	-2.1%	17,062	17,689	-3.5%	19,610	20,151	-2.7%	113.9	118.1	-3.5%	130.9	134.6 -2.7%
R R Kabel	BUY	BUY	1,872	1,872	0.0%	69,247	69,247	0.0%	86,724	86,724	0.0%	3,312	3,312	0.0%	4,616	4,616	0.0%	29.4	29.4	0.0%	40.9	40.9 0.0%
Voltas	HOLD	HOLD	1,003	909	10.3%	1,16,891	1,16,891	0.0%	1,28,386	1,28,386	0.0%	5,057	5,057	0.0%	7,755	7,755	0.0%	15.3	15.3	0.0%	23.4	23.4 0.0%

Source: Company, PL

C=Current / P=Previous / Acc=Accumulate



### **Analyst Coverage Universe**

Sr. No.	Company Name	Rating	TP (Rs)	Share Price (Rs)
1	Astral Ltd.	Hold	1,983	1,900
2	Bajaj Electricals	Hold	1,032	1,018
3	Century Plyboard (I)	BUY	888	780
4	Cera Sanitaryware	Accumulate	8,597	7,842
5	Crompton Greaves Consumer Electricals	BUY	377	283
6	Finolex Industries	Accumulate	242	209
7	Greenpanel Industries	BUY	498	424
8	Havells India	Accumulate	1,538	1,363
9	Kajaria Ceramics	Accumulate	1,415	1,297
10	KEI Industries	BUY	2,908	2,469
11	Polycab India	Accumulate	5,943	5,339
12	R R Kabel	BUY	1,872	1,619
13	Supreme Industries	Accumulate	4,848	4,465
14	Voltas	Hold	909	819

### **PL's Recommendation Nomenclature**

 Buy
 : > 15%

 Accumulate
 : 5% to 15%

 Hold
 : +5% to -5%

 Reduce
 : -5% to -15%

 Sell
 : < -15%</td>

Not Rated (NR) : No specific call on the stock Under Review (UR) : Rating likely to change shortly



### **ANALYST CERTIFICATION**

### (Indian Clients)

We/l Mr. Praveen Sahay- MBA Finance Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

### (US Clients)

The research analysts, with respect to each issuer and its securities covered by them in this research report, certify that: All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and No part of his or her or their compensation was, is or will be directly related to the specific recommendation or views expressed in this research report.

### **DISCLAIMER**

### **Indian Clients**

Prabhudas Lilladher Pvt. Ltd, Mumbai, India (hereinafter referred to as "PL") is engaged in the business of Stock Broking, Portfolio Manager, Depository Participant and distribution for third party financial products. PL is a subsidiary of Prabhudas Lilladher Advisory Services Pvt Ltd. which has its various subsidiaries engaged in business of commodity broking, investment banking, financial services (margin funding) and distribution of third party financial/other products, details in respect of which are available at www.plindia.com.

This document has been prepared by the Research Division of PL and is meant for use by the recipient only as information and is not for circulation. This document is not to be reported or copied or made available to others without prior permission of PL. It should not be considered or taken as an offer to sell or a solicitation to buy or sell any security.

The information contained in this report has been obtained from sources that are considered to be reliable. However, PL has not independently verified the accuracy or completeness of the same. Neither PL nor any of its affiliates, its directors or its employees accepts any responsibility of whatsoever nature for the information, statements and opinion given, made available or expressed herein or for any omission therein.

Recipients of this report should be aware that past performance is not necessarily a guide to future performance and value of investments can go down as well. The suitability or otherwise of any investments will depend upon the recipient's particular circumstances and, in case of doubt, advice should be sought from an independent expert/advisor.

Either PL or its affiliates or its directors or its employees or its representatives or its clients or their relatives may have position(s), make market, act as principal or engage in transactions of securities of companies referred to in this report and they may have used the research material prior to publication.

PL may from time to time solicit or perform investment banking or other services for any company mentioned in this document.

PL is a registered with SEBI under the SEBI (Research Analysts) Regulation, 2014 and having registration number INH000000271.

PL submits that no material disciplinary action has been taken on us by any Regulatory Authority impacting Equity Research Analysis activities.

PL or its research analysts or its associates or his relatives do not have any financial interest in the subject company.

PL or its research analysts or its associates or his relatives do not have actual/beneficial ownership of one per cent or more securities of the subject company at the end of the month immediately preceding the date of publication of the research report.

PL or its research analysts or its associates or his relatives do not have any material conflict of interest at the time of publication of the research report.

PL or its associates might have received compensation from the subject company in the past twelve months.

PL or its associates might have managed or co-managed public offering of securities for the subject company in the past twelve months or mandated by the subject company for any other assignment in the past twelve months.

PL or its associates might have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months.

PL or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months

PL or its associates might have received any compensation or other benefits from the subject company or third party in connection with the research report.

PL encourages independence in research report preparation and strives to minimize conflict in preparation of research report. PL or its analysts did not receive any compensation or other benefits from the subject Company or third party in connection with the preparation of the research report. PL or its Research Analysts do not have any material conflict of interest at the time of publication of this report.

It is confirmed that Mr. Praveen Sahay- MBA Finance Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

The Research analysts for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

The research analysts for this report has not served as an officer, director or employee of the subject company PL or its research analysts have not engaged in market making activity for the subject company

Our sales people, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest.

PL and its associates, their directors and employees may (a) from time to time, have a long or short position in, and buy or sell the securities of the subject company or (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 subject company or act as an advisor or lender/borrower to the subject company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

### **US Clients**

This research report is a product of Prabhudas Lilladher Pvt. Ltd., which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by Prabhudas Lilladher Pvt. Ltd. only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Prabhudas Lilladher Pvt. Ltd. has entered into an agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo").

Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

### Prabhudas Lilladher Pvt. Ltd.

3rd Floor, Sadhana House, 570, P. B. Marg, Worli, Mumbai-400 018, India | Tel: (91 22) 6632 2222 Fax: (91 22) 6632 2209 www.plindia.com