



HFCL Limited

8, Commercial Complex, Masjid Moth, Greater Kailash - II,
New Delhi - 110048, India

Tel : (+91 11) 3520 9400, 3520 9500 Fax : (+91 11) 3520 9525

Web : www.hfcl.com

Email : secretarial@hfcl.com

HFCL/SEC/22-23

October 01, 2022

The BSE Ltd. 1 st Floor, New Trading Wing, Rotunda Building Phiroze Jeejeebhoy Towers, Dalal Street, Fort Mumbai - 400001 corp.relations@bseindia.com Security Code No.: 500183	The National Stock Exchange of India Ltd. Exchange Plaza, 5 th Floor, C - 1, Block G Bandra - Kurla Complex, Bandra (E) Mumbai - 400051 cmnlist@nse.co.in Security Code No.: HFCL
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RE: Intimation under Regulation 30 read with Para B of Part A of Schedule III to the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 and SEBI Circular No. CIR/CFD/CMD/4/2015 dated 9th September, 2015

Subject: Product Launch & Press Release: 5G 8T8R Macro Radio Unit.

Dear Sir(s)/ Madam,

We are pleased to announce to all our stakeholders that the Company has launched **5G 8T8R Macro Radio Unit (RU)**, the first product from its 5G product family, which has been designed and developed completely by our indigenous R&D Team to address demand from India and global markets.

The details as required under Regulation 30 of the SEBI Listing Regulations, 2015 read with SEBI Circular No. CIR/CFD/CMD/4/2015 dated 9th September, 2015, are as under:

Details of Product:

Particulars	Details
a) Name of the product:	5G 8T8R Macro Radio Unit (RU)
b) Date of launch:	October 01, 2022
c) Category of the product:	Wireless Access Network Connectivity
d) Whether caters to domestic/international market:	Domestic & International
e) Name of the countries in which the product is launched (in case of international):	India

We are also enclosing herewith a Press Release in connection with launch of **5G 8T8R Macro Radio Unit (RU)** product.

We request to take the above information on your records and disseminate the same on your respective websites.

Thanking you.

Yours faithfully,
For **HFCL Limited**

(Manoj Baid)
Senior Vice-President (Corporate) &
Company Secretary

Encl.: Press Release.

Press Release
For immediate release

HFCL announces the launch of 5G 8T8R Macro Radio Unit

Next generation RU that combines the power of vRAN and open standards to accelerate 5G deployment

New Delhi, October 01, 2022:- HFCL Limited (HFCL), a leading telecom equipment manufacturer and technology provider today announced the launch of **5G 8T8R Macro Radio Unit (RU)**, the first product from its 5G product family. HFCL's 5G 8T8R Macro RU is a next generation RU that has a compact form factor, improved energy efficiency, supports digital beamforming and zero touch provisioning.

5G will accelerate the adoption of virtualization and cloud native technologies. However, most of the current implementations of virtual RAN (vRAN) are based on proprietary technologies. HFCL's 5G 8T8R Macro RU combines the power of vRAN and O-RAN based open standards. Unlike traditional RAN where all components of RAN must come from the same vendor, HFCL's 5G 8T8R Macro RU can integrate with any vendor's virtual baseband unit (vBBU) that is compliant with O-RAN fronthaul specification.

HFCL's 5G 8T8R Macro RU is 3GPP Release 15 and 16 compliant. It supports n78 frequency band (3.3 – 3.67 GHz) with 8T8R MIMO (Multiple-Input Multiple-Output) configuration. It is lightweight and compact in form factor and supports natural convection air cooling. It will aid operators in providing better 5G coverage and address capacity requirements in urban, suburban and rural areas. It is modular in design and can be easily customized to support any Sub-6 GHz frequency band to address the global markets. It supports multiple mounting options and can be easily deployed on poles, rooftops, and walls. Security by design is built into the 5G 8T8R Macro RU and it supports secured boot, digitally signed applications and is hardened against distributed denial-of-service attacks.

Commenting on this product launch, **Mr. Mahendra Nahata, MD, HFCL** said *"HFCL is proud to bring the world class 5G 8T8R Macro RU product that has been designed and developed completely by our indigenous R&D team to address India and global markets. It also supports needs of rural mobile broadband in the country. Reliable and ubiquitous 5G networks has a critical role to play in making India a digital economy."*

With a distinct set of features designed for improved energy efficiency, HFCL's 8T8R Macro RU also supports digital beamforming with excellent steering capability for improved customer experience. It supports improved radio resource management and provides seamless interoperability with any industry leading AI/ML powered RAN Intelligent Controllers (RIC). In addition, HFCL's 5G 8T8R Macro RU supports zero touch provisioning & closed-loop automation and enables faster time-to-market for launch of new 5G services.

About HFCL

HFCL is a leading technology company specialising in creating digital networks for telcos, enterprises and governments. Over the years, HFCL has emerged as a trusted partner offering sustainable high tech solutions with a commitment to provide the latest technology products to its customers. Our strong R&D expertise coupled with our global system integration services and decades of experience in fiber optics enable us to deliver innovative digital network solutions required for the most advanced networks.

The Company's in-house R&D Centres located at Gurgaon & Bengaluru along with invested R&D Houses and other R&D collaborators at different locations in India and abroad, innovate futuristic range of technology products and solutions. HFCL has developed capabilities to provide premium quality Optical Fiber and Optical Fiber Cables, state-of-the-art telecom products including 5G Radio Access Network (RAN) products, 5G Transport Products, WiFi Systems (WiFi 6, WiFi 7), Unlicensed Band Radios, Switches, Routers and Software Defined Radios.

The Company has state-of-the-art Optical Fiber and Optical Fiber Cable manufacturing plants at Hyderabad, Optical Fiber Cable manufacturing plant in Goa and in its subsidiary HTL Limited at Chennai.

We are a partner of choice for our customers across India, Europe, Asia Pacific, Middle East, Africa and USA. Our commitment to quality and environmental sustainability inspires us to innovate solutions for the ever-evolving customer needs.

Visit www.hfcl.com for more information.

For further details please contact:

HFCL Limited Manoj Baid Amit Agarwal Email: manoj.baid@hfcl.com amit.agarwal@hfcl.com Phone: 011 3520 9400	Adfactors PR Poonam Saney Makhija Shivangi Sinha Vasundhra Sethi Email: poonam.saney@adfactorspr.com shivangi.sinha@adfactorspr.com vasundhra.sethi@adfactorspr.com Phone: 9819004968 9836643500 7428508927
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