



FORWARD BY THE EDITOR

First of all, we would like to thank you herewith for the positive feedback on our first Eupen RF News and with great pleasure we submit you herewith our second edition.

We are pleased to announce that we will participate at the exhibition CommunicAsia 2005 in Singapore where we will have the pleasure to introduce upcoming products as improved low loss 50 Ohms cables and the new Waveguide product range.

If you intend to visit this event, we would be very pleased to submit you free of charge registration forms.

In order to receive them, please contact us under rf_sales@eupen.com and specify the name of your company, the contact person(s), the full address and the number of required registration forms.

I wish you happy reading and look forward to meeting you soon at our Stand # 3G2-07 in Hall 3 at CommunicAsia 2005 in Singapore

Mike Goblet

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Impressum:-

EUPEN Cable News is the Newsletter
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EUPEN WEB SITE

As many of you have discovered, the RF Part of the EUPEN Internet Web Site (<http://www.eupen.com>) is currently beeing Updated.

Due to the introduction of a large number of new or improved product lines, the RF Part of the EUPEN Web Site was in urgent need of updating and it was decided upon a complete redesign, allowing the most up-to-date maintenance and administration software modules to be incorporated.

The new Internet Web Site is currently undergoing the final stages of testing and should be available on-line, soon.

To avoid confusion arising from outdated information being used, certain areas of the existing Web Site have been disabled from use. We apologise for any inconvenience this may cause.



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Impressum

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EUPEN CABLE will be Exhibiting at CommunicAsia 2005 together with it's local Partner PETRACARBON

CommunicAsia2005 – Asia's most established and comprehensive Communications & IT event, is scheduled to be held from 14 – 17 June 2005 at Singapore Expo.

Covering the entire spectrum of the ICT industry, CommunicAsia2005 will focus on Broadband Communications, Enterprise Solutions, Mobile Technology and Solutions, Network Solutions, Satellite Technology, Security and Smart Card. It is envisaged that the show will be the talk of the town once again, providing not only an international platform that showcases the latest innovations, but also offering an avenue for everyone who is anyone in the ICT industry an apt venue to mix and mingle.

Established since 1979, CommunicAsia2005 will provide ICT professionals with countless opportunities for networking with a quality pool of local and overseas sellers and buyers. For instance in 2004, the event attracted over 45,000 attendees (that is, 44% from overseas) and generated over 700 press articles and TV coverage; proving that CommunicAsia has, through the years developed a winning formula.

Incorporated within CommunicAsia2005, sub-shows MobileCommAsia2005, NetworkAsia2005 and SatComm2005 will cover a comprehensive range of mobile networks and applications, network technologies and satellite communications respectively.



CommunicAsia2005

The 16th International Communications and Information Technology Exhibition & Conference

In 2004, CommunicAsia featured over 1,300 exhibiting companies representing 52 countries/regions and attracted over 45,000 business professionals from 90 nations. The show also hosted over 800 conference speakers and delegates from 65 countries/regions, making it the premier platform for business networking in the ICT industry

PETRACARBON

PETRACARBON specialises in the distribution of a large variety of high quality RF products in the Asia-Pacific region. Established in 1982, Petracarbon is the esteemed authorised distributor for the RF products of Kabelwerk Eupen AG since more than 10 years.

Their long experience in the segment of telecommunication infrastructure application combined with their strong local presence in the region have helped many tecllo operators, government agencies, OEM vendors and system integrators alike in the cellular, mobile communications, wireless transmission, microwave and the broadcast industries meet their operational and/or business objectives.

For more information about the company please refer to the contact below.

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Hall 3



EUPEN to introduce Waveguides at CommunicAsia2005

At CommAsia 2005 EUPEN will be officially introducing its new range of Waveguides and associated accessories to the Trade.

EUPEN elliptical waveguides will be the optimum choice for most microwave antenna feeder systems. EUPEN Waveguides are precision-formed from corrugated high-conductivity copper and have an elliptical cross section. The corrugated wall gives the waveguide excellent crush strength, light weight and good flexibility for ease of handling. A rugged black polyethylene jacket provides protection during handling and installation. A full range of Waveguide sizes will be available for application from 5.85 to 13.25 GHz.

HIGH PERFORMANCE

Low Loss. EUPEN elliptical waveguides are optimised for lowest loss in specific user bands. Attenuation is significantly lower than that of standard rectangular waveguides for these bands, resulting in highly efficient signal transfer which optimises overall system performance.

Low SIGNAL DISTORTION. The elliptical cross section propagates the eTE11 dominant mode, which is similar to the TE10 mode in rectangular waveguide, and operates below the cut-off frequencies of higher order modes. Operating in the frequency band where only the dominant mode can exist eliminates signal distortion due to mode conversion and minimizes VSWR.

GUARANTEED VSWR PERFORMANCE. All factory assemblies are guaranteed to meet stated VSWR specifications. You get the performance you expect. No surprise, no risk.

Rugged Black Polyethylene Jacket provides protection during handling and installation. The jacket is weatherproof and ultraviolet stabilized to prevent deterioration. Standard jacketing material is suitable for operation down to -54°C (-65°F) and installation down to -40°C (-40°F).

Machined Brass connector material, ensures long lasting pressure tightness and corrosion resistance. Connector hardware is stainless steel for corrosion protection and long life.

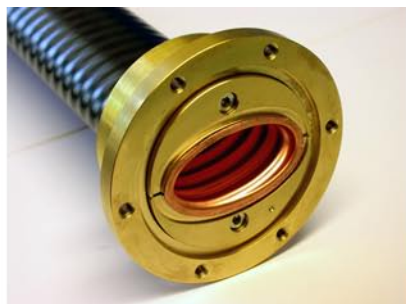
Minimum Installation Cost and Simplified System Planning

EUPEN elliptical waveguide minimizes the cost of detailed waveguide system planning and has lower installation cost compared with other types of waveguide.

Good Flexibility of the corrugated copper construction provides ease of handling during installation. Saves time and labour.

Connector Attachments are designed so that special tools or compounds are not required.

Easy to Use Flaring Tools are available for most sizes. Special training is not required.



Product Announcement

EUPEN EC7-50A

Coaxial Cable & Connectors

EUPEN EC7-50A

- Low-loss for UMTS applications
- Ultra-low dynamic passive intermodulation (PIM)
- High Mechanical Strength and Flexibility
- Watertight to IP67 and IP68 specifications
- Connector compatibility to all similar size corrugated cables
- Works with standard tooling and installation methods

Technology Driven

Eupen EC7-50A coaxial cable and connectors are designed for today's stringent network requirements and optimized for UMTS applications. Eupen's rugged, flexible corrugated construction and watertight connectors leads the industry in electrical and mechanical benefits.

Dynamic PIM

System performance is further enhanced by the next advancement in Eupen connector design. These easy to install connectors are dynamically stabilised through tensioned contact surfaces to prevent the generation of passive intermodulation (PIM) products over the life of the system. The advanced connector design guarantees low PIM is maintained in the harshest of conditions to ensure premium system performance

Real World Performance

Engineers can now specify cable that meets link budget requirements while maintaining rugged mechanical characteristics, necessary for real-life wireless applications.

Totally Watertight

Eupen connectors are designed to prevent water intrusion and exceed industry standards by passing the severe IP67/68 tests.

The New Standard

EC7-50A Connectors are compatible with previous generation Eupen cables, as well as past and current competitive corrugated cable designs.

Eupen Quality

Eupen's EC7-50A cable and connectors offer premium performance while maintaining the rugged quality that made Eupen the innovative leader in coaxial cable design.



EUPEN EC7-50A
Coaxial Cable & Connectors