



**FOR IMMEDIATE RELEASE**

## **ExoBeam: Deployable Expanded Beam Interconnects**

August 2017 - Radiall a global leader in design, development and manufacturing of innovative interconnect solutions has developed a new fiber optic solution ideal for deploying in highly contaminated environments. ExoBeam connectors utilize expanded beam technology to provide a non-contact fiber optic connection that is easily cleaned and more durable than connectors utilizing physical contact technology.

Radiall's unique expanded beam technology uses precision lenses to expand, collimate, and then refocus the light between two fiber cores. By expanding and collimating the signal, the mated fiber optic connection is contactless, which significantly reducing wear of the optical fibers in high mating applications. This also allows for easy cleaning of the sealed optical interface when exposed to fluid, mud or dust. Should any debris remain on the lens, the expanded optical transmission is less sensitive to the contaminant.

### **Features & Benefits**

- Offers expanded beam technology, simplifies the cleaning process and reduces sensitivity to contaminants and misalignment
- Singlemode (1310/1550 nm) and Multimode (850/1300 nm) wavelengths
- Hermaphroditic coupling for quick mating in the field
- Robust design for high mating applications
- ROHS compliant - Hard black anodized aluminum with Teflon
- Cable assemblies available with simplex or tactical cable, reels and backpacks

For further information on Radiall's ExoBeam solution, please contact a Radiall sales representative, Distributor or visit [www.radiall.com](http://www.radiall.com)

###

### **About Radiall**

Radiall is a global manufacturer of leading-edge interconnects solutions. The company offers an extensive range of RF coaxial connectors and cable assemblies, coaxial switches, fiber optic and microwave components, multipin connectors and more. Radiall has sales offices and subsidiaries throughout the world, R&D in the U.S., Europe and China, along with manufacturing facilities strategically located in the U.S., Mexico, India, and China.

-----

### **For more information contact**

#### **Europe & Asia**

Radiall SA  
25 Rue Madeleine Vionnet  
93300 Aubervilliers, France

Tel: +33 (0)1 49 35 35 35  
E-mail:[info@radiall.com](mailto:info@radiall.com)

### **North America**

Radiall USA, Inc.  
8950 S. 52<sup>nd</sup> Street, Suite 401  
Tempe, Arizona 85284  
Sales: 480-682-9400  
E-mail:[info@radiall.com](mailto:info@radiall.com)

### **Product contact**

Yann LeLuyer  
Fiber Optics BU Director  
Tel: +33 6 78 13 60 09  
Email: [yann.leluyer@radiall.com](mailto:yann.leluyer@radiall.com)

### **Editorial contact**

Gillian Floyd  
MarCom  
Radiall USA, Inc.  
Tel: 480-682-9452  
Email: [gillian.floyd@radiall.com](mailto:gillian.floyd@radiall.com)