

FLEXORAD™:

A NEW RANGE OF FLEXIBLE RF CABLES

axon'
cables & connectors

**Stand 516
Hall B3**

*For nuclear and research markets, our Material R&D department, has developed a brand new range of 50Ω and 75Ω flexible RF cables, discover **Flexorad™**. 6-in-1, this range succeeds in combining features that seem contradictory on the surface. There is no doubt about it: **Flexorad™** is the right range for dynamic applications in the harshest environments!*

A NEW INNOVATIVE DIELECTRIC FOR VERY HIGH FLEXIBLE RF CABLES

As you know, innovation is the very DNA of Axon'. Once again, our teams have gone above and beyond! Thanks to the successful development of an **innovative dielectric** and its unique in-house processing technology, **Flexorad™** is able to combine **radiation** resistance ($\geq 3,500\text{kGy}$), excellent **electrical performances**, resistance to **extreme temperatures**, from cryogenic applications, up to 125-150°C...while being **halogen-free, flame retardant** and incredibly **flexible**! Explains Stéphanie Huguenot, who worked on the development of this product. Indeed, this 6-in-1 range of RF cables is much more flexible than any competing products in the market made with PEEK and polyimides.



A FLEXIBLE RF CABLE ADAPTABLE TO CUSTOMER NEEDS

Axon' strength? Its ability to combine high technology with great flexibility in design to adapt 100% to customer needs. Our experts are able to offer **tailor-made flexible RF cables**: single or double screen, resistant up to 125°C and 150°C, possibility to deliver cables terminated with standard coaxial connectors...



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