



SPACE MILD DETONATING CORD RDX-ALUMINUM

Pyroalliance designs and produces a complete family of detonation cords dedicated to transmit a pyrotechnic signal, induce a ultra-short time delay or used for structure weakening.

Those can be made of different metallic materials and various explosive types depending on the application requirements. Pyroalliance has the ability to propose detonating cords with specific plastic coating and/or armoured cladding.

They are designed and manufactured under Pyroalliance design authority.

Mild Detonation Cord RDX-ALUMINIUM

Operation mode

Mild Detonating Cord uses RDX under aluminium envelop.

Benefits

The Detonation Cord is used to propagate a detonation from one end to the other with an average speed of 7500 m/s.

Applications

- Detonating transfer lines
- Frangible joint assembly



Pyroalliance's Mild Detonation Cord will equip Ariane 6 and Vega C – ArianeGroup and ESA

Key figures*

Detonating velocity**: 7000 to 8000 m/s

External Diameter***: Ø 1.5 to Ø 6mm

Ignition mode: Detonation shock

Operating temperature: Down to -80°C
Up to + 100°C

*Some variations are under development and qualification

** Depending on the product envelop

*** Please contact us for off the shelf products

[For more information please contact us.](#)
[Visit our website: www.pyroalliance.com](http://www.pyroalliance.com)

Product Classification

- UN number: UN0290 and UN designation: CORD, DETONATING, metal clad
Class, risk division and compatibility group: 1.1D
- This product is certified in accordance with the European Directive: 2014-28/UE
Certificate number: 02 0080 0109
Not restricted by ITAR regulation

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Produced by the Communication Department of Pyroalliance

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