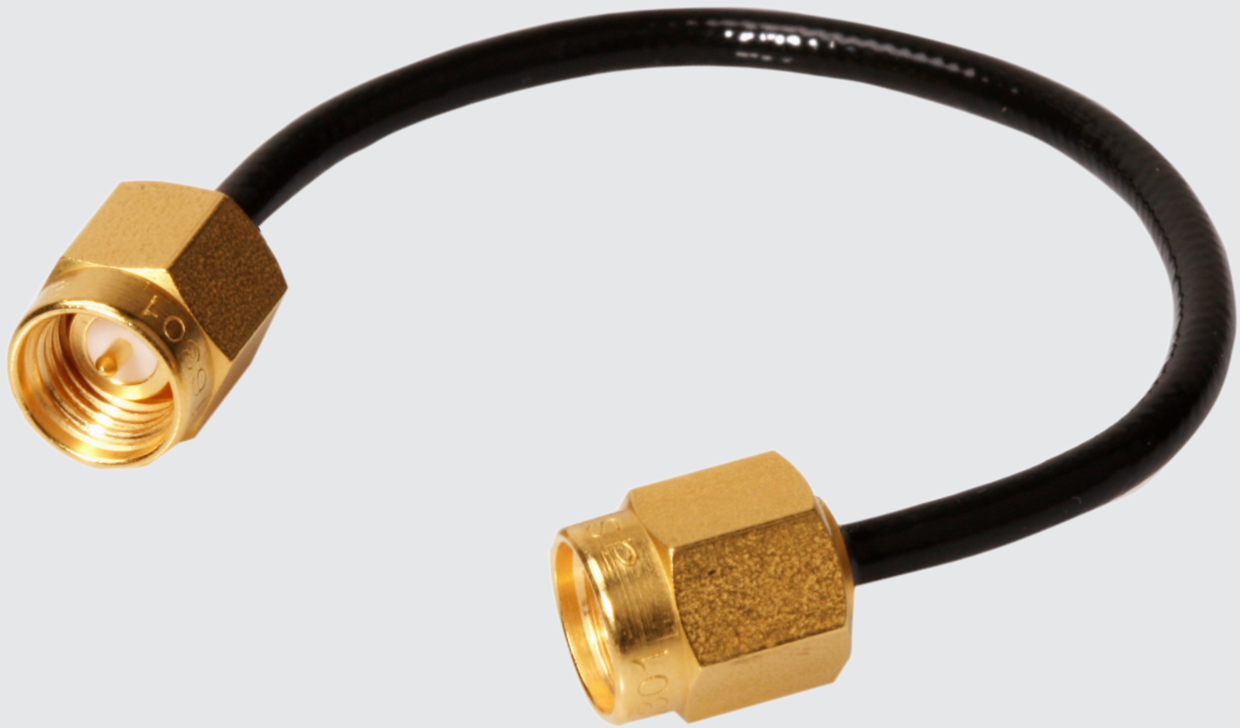


# minibend HBR

Radiation resistance up to 200 Mrad



The minibend HBR cable is developed for space flight and defense applications requiring high radiation resistance.

- Frequency range up to 65 GHz  
Replacement for 0.086" semi-rigid cables
- Designed to be used outside the radiation protected zone  
Five shields for high isolation (120 dB)  
Highly radiation resistant jacket material (200 Mrad)
- Bend-to-the-end technology  
No solder joint failure  
Replaces right angle connectors

# Highly radiation resistant cable assemblies

HUBER+SUHNER extends the RF cable assembly portfolio with a five shielded cable assembly for space and defense applications. The minibend HBR offers a frequency range up to 65 GHz and can be used as replacement for .086" semi rigid cables. A pull force of 25 lbs will be guaranteed by this high radiation resistant cable assembly.

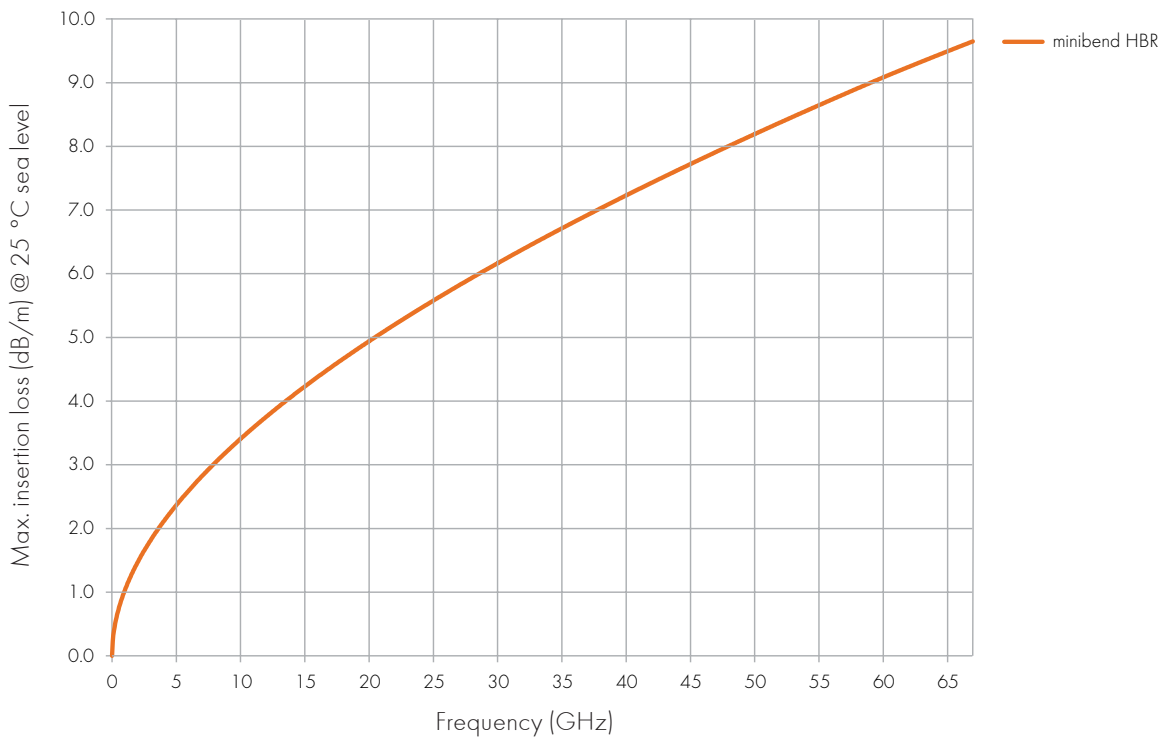
## Features

- Five shields for high isolation (120dB) and high radiation shielding (200Mrad)
- Bend-to-the-end technology
- Outstanding return loss performance

## Benefits

- Usable outside of the radiation protected environment of a satellite
- Eliminates the risk of solder joint failures during installation, due to high vibration during launch and severe temperature changes in outer space under vacuum.

## Insertion loss versus frequency



## Portfolio

Description	Connector 1	Connector 2	Frequency range
Minibend HBR	SMA	SMA	DC - 26.5 GHz

More options on request.

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HUBER+SUHNER is certified according to EN(AS) 9100, ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

### Waiver

Fact and figures herein are for information only and do not represent any warranty of any kind.