

# SPUMA RS FR

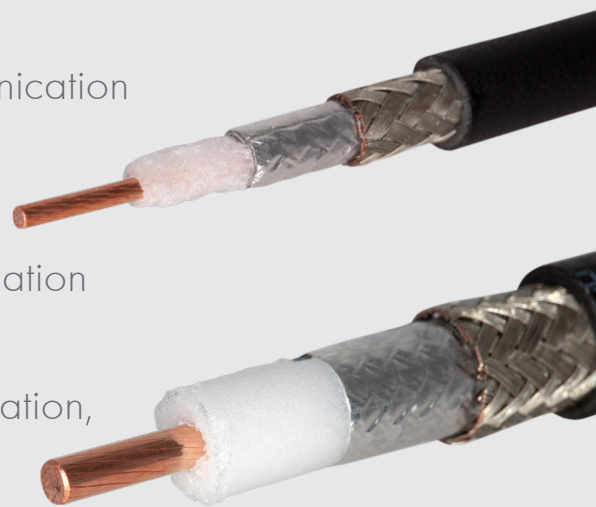
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HF, VHF, UHF, 3G, 4G, 5G, Wi-Fi, Radio Communication

Vehicle, Marine, Airfield, C4ISR, Mesh systems,  
Command and Control system, Tactical communication

Connectivity in Radars, Air Navigation Communication,  
Satellite Gateways



# SPUMA RS FR

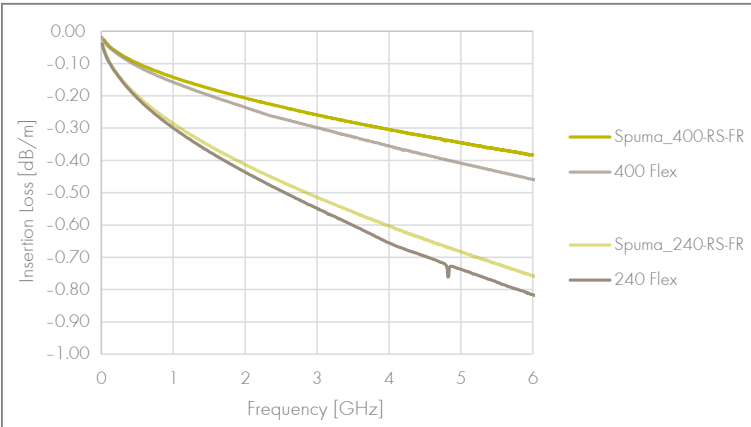
Spuma RS FR – designed without traditional trade-offs:  
 Greatest flexibility, low attenuation, LSFH and flame retardancy all in one product!

Design details	Spuma RS FR	Conventional products	
	Rotary Swaged (RS) center conductor and Flame Retardant (FR) TPU jacket	Stranded center conductor and TPE jacket	Stranded center conductor and FRPE jacket
Flame retardancy	✓ EN 60332-1-2 and EN 60332-3-25	–	✓
Low smoke density	✓ EN 61034-2	–	✓
Halogen free	✓ EN 60754-2	Mostly not specified	✓
LSFH	✓	–	✓
Flexibility	✓	✓	–

## Typical insertion loss comparison measurements

Improve your overall system performance with 10 % lower interconnectivity loss by using the best-in-class Spuma RS FR cables.

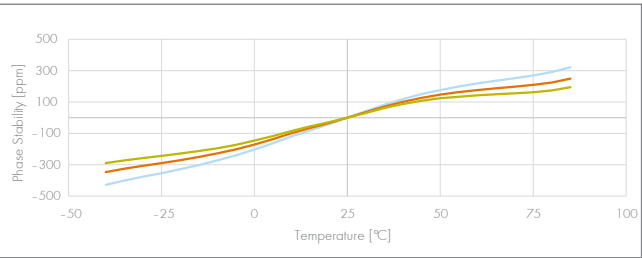
If you want to find out more about the patented Rotary Swaging (RS) technology, check it out on Youtube:  
<https://www.youtube.com/watch?v=tguPArKC7b0>



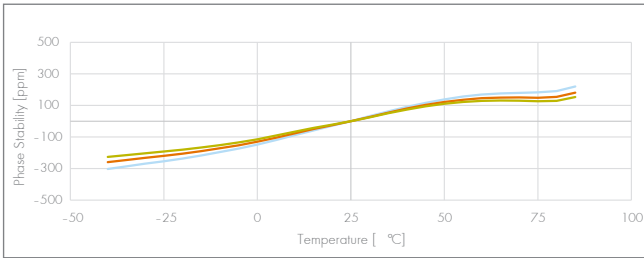
## Typical phase stability vs. temperature measurements

Spuma RS FR is suitable for many radar and phased-array antenna applications and at once very cost-effective.

Spuma\_240-RS-FR



Spuma\_400-RS-FR



— 1 GHz — 2.5 GHz — 6 GHz

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HUBER+SUHNER is certified according to ISO 9001,  
 ISO 14001, IATF 16949 and IRIS.

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