

RADOX® RF

EN 45545-2 and NFPA-130 compliant railway cables



RADOX® RF coax cables are specifically developed for the rail market and are fully compliant with the European rail norm EN 45545-2 and the American NFPA-130. Standard RG types can be replaced by RADOX® RF cables from a dimensional point of view while being low smoke and flame retardant due to the RADOX® jacket material. Additional coax railway cables are also available with extra low loss designs.

Features and benefits

- Railway approved versions of traditional RG-type cables
- EN 45545-2 compliant with highest hazard level HL3 for indoor cables and NFPA-130 compliant
- Halogen free, low smoke and flame retardant



For further information go to
www.hubersuhner.com/Railway
or contact your local sales
representative.

RF railway cables

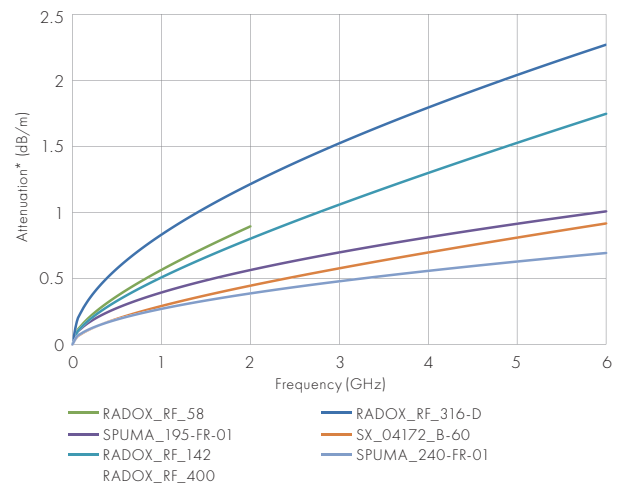
All cables are EN 45545-2 compliant with highest hazard level HL3 for indoor cables and NFPA-130 compliant.

Jumper cables

Thin, flexible cables which can be used for narrow radius.

Ideally suitable for highly reliable interconnect solutions.

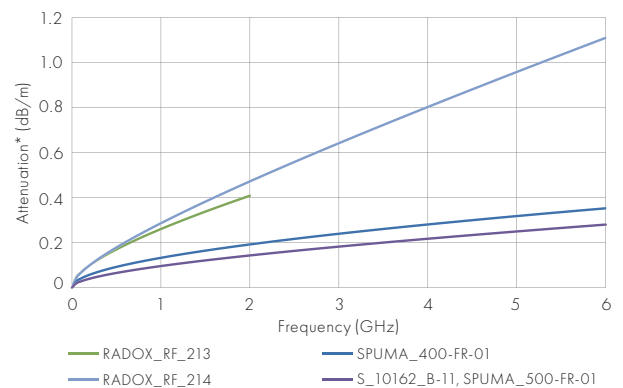
Cable type	Item no.	Freq. (GHz)	Diameter (mm)	Temperature range (°C)
RADOX_RF_58	85023726	2	5.1	-40 to +105
SPUMA_195-FR-01	85021562	6	4.95	-40 to +85
RADOX_RF_142	85023684	6	5.34	-40 to +105
RADOX_RF_400	85023720	6	5.34	-40 to +105
RADOX_RF_316-D	85023719	6	3.2	-40 to +105
SX_04172_B-60	84026748	6	5.5	-40 to +105
SPUMA_240-FR-01	85021563	6	6.15	-40 to +85



Feeder cables

Low loss cable for covering larger distances.

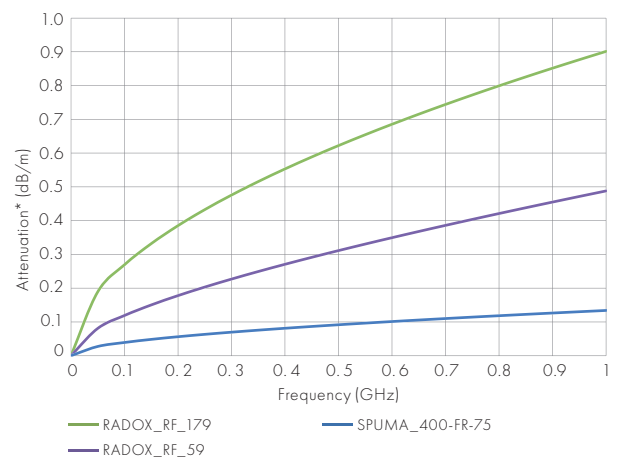
Cable type	Item no.	Freq. (GHz)	Diameter (mm)	Temperature range (°C)
RADOX_RF_213	85023730	2	10.6	-40 to +105
RADOX_RF_214	85023731	6	11.1	-40 to +105
SPUMA_400-FR-01	84132035	6	10.25	-40 to +85
SPUMA_500-FR-01	85021564	6	12.78	-40 to +85
S_10162_B-11	23002145	7.5	12.9	-40 to +85



75 ohm cables

Specifically designed to carry video signals.

Cable type	Item no.	Freq. (GHz)	Diameter (mm)	Temperature range (°C)
RADOX_RF_179	85023705	3	2.8	-40 to +105
RADOX_RF_59	85023729	1	6.24	-40 to +105
SPUMA_400-FR-75	85022187	3	10.25	-40 to +85



Twinaxial cable

For signal and control data communication.

Cable type	Item no.	Freq. (GHz)	Diameter (mm)	Temperature range (°C)
RG_22_B/U-05	84016404	0.2	10.7	-40 to +85

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* Typical values at +20 °C ambient temperature and sea level

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.