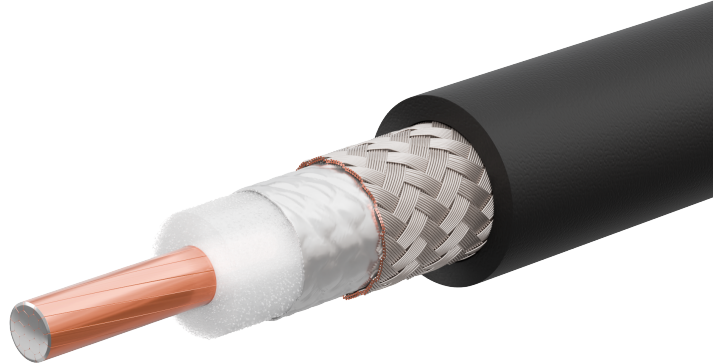


High-flexible, Low-loss, 50 Ohm, 6 GHz, 85°C, ø15.00 mm, TPU jacket

SPUMA_600-RS-FR

Properties

- Halogen free cable with standard dimensions
- Low smoke
- Ozone, UV and weathering resistance
- RS - Rotary Swaged centre conductor



Construction			
Component	Material	Detail	Diameter
Centre conductor	Aluminium, Copper clad	Strand, Rotary swaged	4.44 mm +/- 0.03 mm
Dielectric	SPE (Foamed Polyethylene)		11.54 mm +/- 0.16 mm
Outer conductor	Aluminum / PES	longitudinal Foil, 100%	11.72 mm +/- 0.17 mm
Outer conductor	Copper, Tin plated	Braid, 90.3%	12.53 mm +/- 0.18 mm
Jacket	TPU (Urethane TPE)	RAL 9005 - bk	15 mm +/- 0.24 mm

Electrical data	
Impedance	50 Ω +/- 2Ω
Operating frequency	≤ 6 GHz
Capacitance	76.5 pF/m
Velocity of signal propagation	86.8 %
Signal delay	3.84 ns/m
Insulation resistance	1000000 MΩ*m
Operating Voltage (at sea level)	≤ 2.8 kVrms
Test voltage (50 Hz/1 min)	≤ 5 kVrms

Mechanical data	
Weight	approx. 216.5 g/m
Static bending radius	≥ 40 mm
Repeated bending radius	120 mm
Bending momentum	2.9 Nm at curvature 10 1/m

Environmental data	
Operation temperature	-40 °C ... 85 °C
Installation temperature	-20 °C ... 60 °C
Fire characteristics	free of halogenes, acc. standard IEC 60754

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