

RG 213 Coaxial Cable



Description

PE-50 Ohm - single screen

Technical Data

Construction

	Material	Detail	Diameter
Centre conductor	Copper	Strand-07	2.25 mm
Dielectric	PE		7.25 mm
Outer conductor	Copper	Braid, 96 %	8.1 mm
Jacket	PVC II (non migration)	RAL 9005 - bk	10.3 mm +/- 0.1
Print	HUBER+SUHNER RG 213 U 50 Ohm (PA no.)		

Electrical Data

Impedance	50	Ω +/- 2
Max. operating frequency	1	GHz
Capacitance	101	pF/m
Velocity of signal propagation	66	%
Signal delay	5.03	ns/m
Insulation resistance	$\geq 1 \times$	$10^8 \text{ M}\Omega\text{m}$
Min. screening effectiveness	>40	dB (up to 1 GHz)
Max. operating voltage	5	kV _{rms} (at sea level)
Test voltage	10	kV _{rms} (50 Hz/1 min)

Mechanical Data

Weight	15.3	kg/100 m
Min. bending radius	static	50 mm
	repeated (for max. 50 bendings)	100 mm

Environmental Data

Temperature range	-25 °C... + 85 °C
Installation temperature	-20 °C... + 60 °C
2002/95/EC (RoHS)	compliant

Ordering Information

Order as	RG_213_U
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Additional Information

Remarks

(For details refer to the HUBER+SUHNER RF CABLES GENERAL CATALOGUE or contact your nearest HUBER+SUHNER partner)

Suitable Connectors

Cable group	crimped (U29) clamped (U28) soldered —
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