

HUBER+SUHNER® DATA SHEET

Twinaxial cable: RG_108_A/U

Description

Twinax - PE - 78 Ohm



Technical Data

Construction

	Material	Detail	Diameter
1 st Centre conductor	Copper	Strand-07	0.93 mm
1 st Dielectric	PE		2 mm
2 nd Centre conductor	Copper, Tin plated	Strand-07	0.93 mm
2 nd Dielectric	PE		2 mm
Outer conductor	Copper, Tin plated	Braid, 88 %	4.6 mm
Jacket	PVC II (low migration)	RAL 9005 - bk	6 mm
Print	HUBER+SUHNER RG 108 A/U 78 Ohm (PA no.)		

Electrical Data

Impedance	78	Ω +/- 7
Max. operating frequency	1	GHz
Capacitance	65	pF/m
Velocity of signal propagation	66	%
Signal delay	5	ns/m
Insulation resistance	$\geq 1 \times 10^8$	M Ω m
Max. operating voltage	1	kV _{rms} (at sea level)
Test voltage	2	kV _{rms} (50 Hz/1 min)

Mechanical Data

Weight	4.9	kg/100 m
Min. bending radius	static	30 mm
	repeated (for max. 50 bendings)	60 mm

Environmental Data

Temperature range	-40 °C... + 85 °C
Installation temperature	-20 °C... + 70 °C
2002/95/EC (RoHS)	compliant

Ordering Information

Order as RG_108_A/U

Additional Information

Remarks

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

Cable group V1 2 mm / 78 Ohm

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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