

# HUBER+SUHNER® DATA SHEET

## Coaxial Cable: G\_03232\_D-01



### Description

PE-50 Ohm - double screen

### Technical Data

#### Construction

	Material	Detail	Diameter
Centre conductor	Copper, Tin plated	Strand-19	0.9 mm
Dielectric	PE (Polyethylene)		2.95 mm
Outer conductor	Copper, Tin plated	Braid, 95 %	3.6 mm
Outer conductor	Copper, Tin plated	Braid, 93 %	4.25 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	5.35 mm +/- 0.15
Print	HUBER+SUHNER G 03232 D-01 50 Ohm (PA no.)		

#### Electrical Data

Impedance	50	$\Omega$ +/- 2
Max. operating frequency	6	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	> 78	dB (up to 1 GHz)
Max. operating voltage	2.5	kV <sub>rms</sub> (at sea level)
Test voltage	5	kV <sub>rms</sub> (50 Hz/1 min)

#### Mechanical Data

Weight	5.7	kg/100 m
Min. bending radius	static	25 mm
	repeated (for max. 50 bendings)	50 mm

#### Environmental Data

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

#### Ordering Information

Order as G\_03232\_D-01

#### Additional Information

##### Remarks

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

**Cable group** U9 3 mm / 50 Ohm

