

## Twinaxial cable RG\_22\_B/U

### Description

RG: RG type RF cables

RG22 twinax, 95 Ohm, 1 GHz, 85°C, ø10.8 mm, PVC jacket



### Technical Data

#### Construction

	Material	Detail	Diameter
1 <sup>st</sup> Centre conductor	Copper	Strand-07	1.2 mm
1 <sup>st</sup> Dielectric	PE (Polyethylene)		2.25 mm
2 <sup>nd</sup> Centre conductor	Copper, Tin plated	Strand-07	1.2 mm
2 <sup>nd</sup> Dielectric	PE (Polyethylene)		2.25 mm
Dielectric	PE (Polyethylene)		typ. 7.25
Outer conductor	Copper, Tin plated	Braid, 94%	8 mm
Outer Conductor	Copper, Tin plated	Braid, 95 %	8.7 mm
Jacket	PVC II (low migration)	RAL 9005 - bk	10.8 mm +/- 0.15

Print: HUBER+SUHNER RG 22 B/U 95 Ohm (production order number)

#### Electrical Data

Impedance	95 Ω +/- 5
Max. operating frequency	1 GHz
Capacitance	53 pF/m
Velocity of signal propagation	66 %
Signal delay	5 ns/m
Insulation resistance	≥ 1 x 10 <sup>8</sup> MΩm
Max. operating voltage	1 kV <sub>rms</sub> (at sea level)
Test voltage	2 kV <sub>rms</sub> (50 Hz/1 min)

#### Mechanical Data

Weight		17.6 kg/100 m
Min. bending radius	static	55 mm
	repeating (for max. 50 bendings)	110 mm
	dynamic	220 mm

#### Environmental Data

Temperature range	-25 °C to +85 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

### Additional Information

MIL reference: M17/182-00001 (former reference: M17/15-RG022)

#### Ordering Information

Order as RG\_22\_B/U

#### Remarks

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

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### Suitable Connectors

Cable group

U99 Customer Specific