



## Technical Datasheet

# tasker® RG 223U – 0,90/3,00/5,40 mm

## Mil. C 17 F Standard - Silver Plated Coaxial Cable 50 Ω



A	B	C	D	E
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**CATEGORY** RF Coaxial cable 50 Ω  
**APPLICATION** RF antenna and 50Ω premade cables

- A:** PVC black Sheath. Outer cable Diam. Ø 5,40 (±0,20) mm.
- B:** First Shielding in **Silver Plated Copper** Braid covering 98%.
- C:** Second Shielding in **Silver Plated Copper** Braid covering 97%.
- D:** Core Insulation with transparent compact PE Ø 3,00 (±0,20) mm.
- E:** Stiff Wire in **Silver Plated Copper** formation 1x0,90 mm.  
Nom. Cross section 1x0,63 mm<sup>2</sup>. (20 AWG)

**MARKING** tasker® RG 223 U MIL- C-17F 50 OHM DOUBLE SHIELD Made in Italy  
**CUSTOM** This product may be custom produced also in L.S.Z.H. polymer, PE, PUR,  
**PRODUCTION** with or without Metallic Armor.

**Cable Properties**

<b>Conductor Resistance</b>	28 Ω/Km
<b>Capacity Core/Shield</b>	100 pF/m
<b>Velocity of Propagation</b>	66%
<b>Impedance</b>	50 Ω
<b>Voltage</b>	2.000 V
<b>Operative Temperature</b>	-30/+70°C

**Attenuation Losses dB/100 m**

Frequency	dB	Max Watt (W)	Frequency	dB	Max Watt (W)
50 MHz	9,20	358	1000 MHz	47,40	80
100 MHz	16,00	207	1500 MHz	60,50	65
500 MHz	30,00	119	2000 MHz	72,20	57
600 MHz	35,40	103	2500 MHz	82,60	51
800 MHz	41,60	89	3000 MHz	90,50	46

<b>USE</b>	X	Indoor	Interno Edificio
<b>Impiego</b>		Outdoor Limited	Esterno Limitato
		Outdoor	Esterno
		Outdoor Direct Burial	Esterno Interrato

<b>INSTALLATION</b>	X	Fixed	Fissa
<b>Posa</b>	X	Restricted Mobile	Mobile Limitata
		Mobile	Mobile
		Mobile in Drag Chain	Mobile in Catena

<b>INFORMATION</b>	X	RoHS3 Compliant
<b>Informazioni</b>	X	Ver. A / 17.06.19