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## Technical Datasheet



### tasker® RG 214U – 7x0,75/7,25/10,80 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  
**APPLICATIONS** RF antenna and 50Ω premade cables

- A:** Soft PVC black Sheath. Outer cable Diam. Ø 10,80 (±0,20) mm.
- B:** First Shielding in **Silver Plated Copper** Braid covering 96%.
- C:** Second Shielding in **Silver Plated Copper** Braid covering 98%.
- D:** Core Insulation with compact PE diam. Ø 7,25 (±0,20) mm.
- E:** Stranded formation in **Silver Plated Copper** formation  
7x0,75 mm. Nom. Cross section 1x3,00 mm<sup>2</sup>. (12 AWG)

**MARKING** **tasker® tasker®** RG214 U MIL – C- 17F – 50 OHM - S.P.C. Silver Plated Copper –  
Double Shielded Coaxial Cable - Made in Italy

**CUSTOM PRODUCTION** This product may be custom produced also in **L.S.Z.H.** polymer, **PE, PUR**,  
with or without Metallic Armor.

#### Cable Properties

<b>Conductor Resistance</b>	6 Ω/Km
<b>Capacity Core/Shield</b>	100 pF/m.
<b>Velocity of Propagation</b>	66%
<b>Impedance</b>	50 ± 2 Ω
<b>Operative Temperature</b>	-15/+70°C

#### Attenuation dB/100 m.

<b>50 MHz</b>	4,5	<b>1000 MHz</b>	24,3
<b>100 MHz</b>	6,7	<b>1500 MHz</b>	31,7
<b>200 MHz</b>	9,9	<b>2150 MHz</b>	40,5
<b>400 MHz</b>	14,3	<b>2500 MHz</b>	44,7
<b>800 MHz</b>	21,3	<b>3000 MHz</b>	51,3

<b>USE</b>	X	Indoor	Interno Edificio	<b>INSTALLATION</b>	X	Fixed	Fissa	<b>INFORMATION</b>	X	RoHS3 Compliant
<b>Impiego</b>	X	Outdoor Limited	Esterno Limitato	<b>Posa</b>	X	Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	X	Ver. A / 16.05.19
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			