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## Technical Datasheet

### **tasker® RG 58 CU – 19x0,18/3,00/5,00 mm** **Coaxial 50Ω Mil. C17F Standard Cable**



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

- A:** Black PVC Sheath.  
Outer Diam. Ø 5,00 (±0,20) mm.
- B:** Shielding O.F.C. tinned copper braid covering 94%.
- C:** Core Insulation with transparent compact PE.  
Diam. Ø 3,00 (±0,20) mm
- D:** O.F.C. tinned copper stranded formation, 19x0,18 mm.  
Nom. Cross section 1x0,48 mm<sup>2</sup>. (21 AWG)

**MARKING** **tasker®** RG58 CU Mil. C/17 F 50 Ω - 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>	36,5 Ω/Km
<b>Capacity Core/Shield</b>	100 pF/m
<b>Velocity of Propagation</b>	66%
<b>Impedance</b>	50 Ω
<b>Max Rated Voltage</b>	2.000 V
<b>Operative Temperature</b>	-15/+70°C

#### Attenuation dB/100 m.

<b>50 MHz</b>	9,70
<b>100 MHz</b>	13,90
<b>200 MHz</b>	20,40
<b>400 MHz</b>	30,00
<b>800 MHz</b>	45,10
<b>1000 MHz</b>	51,80

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