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## Technical Datasheet **tasker® RG 316 U - Mil. C 17 Standard**

**Firestop®**

**1x0,16 mm<sup>2</sup> - Coaxial Cable 50 Ω**

**Halogen Free**



**CATEGORY** Coaxial cable 50 Ω (See Data Network Catalogue)  
**APPLICATIONS** RF antenna and 50Ω premade cables

- A:** Transparent Fluorinated Ethylene Propylene (**FEP Teflon**) Sheath. UV rays, water, Oil and chemical resistant. Halogen Free and Flame Retardant  
Outer Diam. Ø 2,50 (±0,20) mm.
- B:** Shielding in O.F.C. **silver plated copper** braid covering 95%.
- C:** Core Insulation with Transparent Fluorinated Ethylene Propylene (**FEP Teflon**) with the same characteristics describe above.  
Diam. Ø 1,53 (±0,20) mm.
- D:** Stranded formation in **silver plated CW** formation 7x0,17 mm.  
Nom. Cross section 1x0,16 mm<sup>2</sup>.

**MARKING** Cable not marked

### Cable Properties

<b>Conductor Resistance</b>	276 Ω/Km
<b>Capacity Core/Shield</b>	95 pF/m
<b>Velocity of Propagation</b>	69%
<b>Impedance</b>	50 Ω
<b>Testing Voltage</b>	2000V
<b>Operating Voltage</b>	1100V
<b>Operative Temperature</b>	-60/+200°C

### Attenuation db/100 m.

<b>10 MHz</b>	9,00
<b>50 MHz</b>	19,00
<b>100 MHz</b>	28,00
<b>300 MHz</b>	46,00
<b>500 MHz</b>	60,00
<b>800 MHz</b>	78,00
<b>1000 MHz</b>	93,00

<b>USE</b>	<b>X</b>	Indoor	Interno Edificio	<b>INSTALLATION</b>	<b>X</b>	Fixed	Fissa	<b>INFORMATION</b>	<b>X</b>	RoHS2 Compliant
<b>Impiego</b>	<b>X</b>	Outdoor Limited	Esterno Limitato	<b>Posa</b>	<b>X</b>	Flexible Limited	Flessibilità limitata	<b>Informazioni</b>	<b>X</b>	Ver. A / 27.06.16
	<b>X</b>	Outdoor Use	Esterno		<b>X</b>	Dynamic (Drag Chain)	Mobile in Catena			
	<b>X</b>	Outdoor Direct Burial	Esterno Interrato			Dynamic (Torsion)	Mobile in Torsione			