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## Technical Datasheet

### tasker® RG 178 BU – 7x0,10/0,83/1,80 mm

### Mil. C 17 Standard - Coaxial Cable 50 Ω



**CATEGORY** Coaxial cable 50Ω  
**APPLICATIONS** Radio frequency installations and small antennas

- A:** Transparent Fluorinated Ethylene Propylene (FEP Teflon) Sheath. Flame Retardant Self-Extinguishing (IEC 60332-1-2), UV, water, Chemical, solvents and Oil Resistant. Specifically designed for high or low temperature also for Outdoor Application.  
Outer Diam. Ø 1,80 (±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 0,83 (±0,20) mm.
- D:** Stranded formation in **silver plated CW** formation 7x0,10 mm.  
Nom. Cross section 1x0,05 mm<sup>2</sup>. (30 AWG)

**MARKING** Cable not marked

#### Cable Properties

<b>Conductor Resistance</b>	800 Ω/Km
<b>Capacity Core/Shield</b>	96 pF/m
<b>Velocity of Propagation</b>	69%
<b>Test Voltage</b>	2000V
<b>Impedance</b>	50 Ω
<b>Operative Temperature</b>	-60/+200°C

#### Attenuation db/100 m.

<b>100 MHz</b>	45,00
<b>200 MHz</b>	60,00
<b>400 MHz</b>	100,00
<b>600 MHz</b>	122,00
<b>800 MHz</b>	140,00
<b>1000 MHz</b>	166,00

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