

Technical Datasheet

tasker® RG 316 U - Mil. C17F Standard

1x0,16 mm² - Coaxial Cable 50 Ω



CATEGORY Coaxial cable 50 Ω (See Data Network Catalogue)

APPLICATIONS RF antenna and 50Ω premade cables

- 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 2,54 (±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 1,52 (±0,20) mm.
- D:** Stranded formation in **silver plated CW** formation 7x0,17 mm. Nom. Cross section 1x0,16 mm².

MARKING Cable not marked

Cable Properties

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

Attenuation dB/100 m and Max Watt (W) Applicable

50 MHz	19,00	559
100 MHz	28,00	395
200 MHz	40,00	280
300 MHz	46,00	228
500 MHz	60,00	117
800 MHz	78,00	140
1000 MHz	93,00	125

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