

## Technical Datasheet

### tasker® C526 – 1,40/3,80/6,10 mm

### Low Loss Coaxial cable 50 Ω



A	B	C	D	E
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**CATEGORY** Low Loss coaxial cable 50 Ω  
**APPLICATIONS** High Frequency Antennas and Networks.

- A:** Black PVC - RAL 9004 - Outer Diam. Ø 6,10 (±0,20) mm
- B:** First Shielding in O.F.C. tinned copper Braid covering 80%
- C:** Second Shielding in Aluminum/PET/Aluminum covering 100%
- D:** Core Insulation with White Gas Expanded Polyethylene (PEG).  
Diam. Ø 3,80 (±0,10) mm
- E:** Red Copper Stiff Wire formation 1x1,40 mm.  
Nom. Cross section 1x1,54 mm<sup>2</sup>. (16 AWG)

**MARKING** tasker® C526 1x1.54 mm<sup>2</sup> (50Ω) – 1,40/3,80/6.10 - DOUBLE SHIELDED LOW LOSS WI-FI / RF COAX 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>	11,5 Ω/Km
<b>Capacity Core/Shield</b>	80 pF/m
<b>Velocity of Propagation</b>	84%
<b>Impedance</b>	50Ω
<b>Insulation Spark Test</b>	4,5 kV
<b>Operative Temperature</b>	-15/+70°C

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

<b>50 MHz</b>	5,20	1118	<b>1000 MHz</b>	24,50	250
<b>150 MHz</b>	8,90	645	<b>1500 MHz</b>	30,80	204
<b>220 MHz</b>	10,90	533	<b>2000 MHz</b>	36,70	177
<b>450 MHz</b>	16,20	373	<b>3000 MHz</b>	45,50	144
<b>800 MHz</b>	21,90	280	<b>5200 MHz</b>	63,40	110
<b>900 MHz</b>	22,90	264	<b>5800 MHz</b>	67,60	104

<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. C / 04.05.22
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			