

Technical Datasheet **tasker® C525 – 1x0,70 mm²** **RoHS₃** Low Loss Coaxial cable 50 Ω



A	B	C	D	E
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CATEGORY Coaxial cable 50 Ω

APPLICATIONS High Frequency Antennas and Networks.

- A:** Black **PVC** - RAL 9004 - Outer Diam. Ø 5,00 (±0,20) mm
B: First Shielding in O.F.C. tinned copper Braid covering 94%
C: Second Shielding in Aluminum/PET/Aluminum covering 100%
D: Core Insulation with White Gas Expanded Polyethylene (PEG).
 Diam. Ø 2,80 (±0,20) mm
E: Red Copper Stiff Wire formation 1x0,95 mm.
 Nom. Cross section 1x0,70 mm².

MARKING **tasker® C525 1x0,70 mm² (50Ω) - 0.95/2.80/5.00 - 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

Conductor Resistance	25 Ω/Km
Capacity Core/Shield	84 pF/m
Velocity of Propagation	80%
Impedance	50Ω
Insulation Spark Test	4,0 kV
Operative Temperature	-15/+70°C

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

50 MHz	7,70	626	1000 MHz	34,40	140
100 MHz	11,30	443	1500 MHz	43,10	114
220 MHz	15,20	298	2000 MHz	50,60	99
500 MHz	25,90	198	3000 MHz	62,40	81
800 MHz	33,20	157	5200 MHz	85,90	61
900 MHz	32,20	148	5800 MHz	91,40	58

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS3 Compliant
Impiego		Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. C / 04.05.22
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			