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Technical Datasheet

tasker® C527 – 1x1,21 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 6,10 (±0,10) 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 Stranded formation 7x0,47 mm.
Nom. Cross section 1x1,21 mm².

MARKING tasker® C527 1x1,21 mm² (50Ω) - 7x0,47/3,80/6,10 - 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

Conductor Resistance	15,5 Ω/Km
Capacity Core/Shield	80 pF/m
Velocity of Propagation	84%
Impedance	50Ω
Insulation Spark Test	4,5 kV
Operative Temperature	-15/+70°C

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

50 MHz	6,50	1029	1000 MHz	29,30	230
150 MHz	10,70	594	1500 MHz	36,60	188
450 MHz	19,10	343	2000 MHz	43,30	163
600 MHz	22,30	297	2500 MHz	48,20	145
800 MHz	26,00	257	3000 MHz	53,40	133
900 MHz	27,50	242	5000 MHz	79,10	96

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS3 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. C / 03.05.22
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			