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Technical Datasheet

Halogen Free

tasker® C528 – 1x5,72 mm²



Low Loss Coaxial cable 50 Ω Cable – Outdoor Use



A	B	C	D	E
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CATEGORY Coaxial cable 50 Ω (See Data Network Catalogue)
APPLICATIONS High Frequency Antennas and Networks.

- A:** Carbon Black Polyethylene (**PE**) - RAL 9004.
Halogen Free, Mechanical and Chemical Resistant. Outdoor Use.
Outer Diam. Ø 10,30 (±0,10) mm
- B:** First Shielding in O.F.C. tinned copper Braid covering 70%
- C:** Second Shielding in Aluminum/PET/Aluminum covering 100%
- D:** Core Insulation with White Gas Expanded Polyethylene (PEG).
Diam. Ø 7,25 (±0,10) mm
- E:** Red Copper Stiff Wire formation 1x2,70 mm.
Nom. Cross section 1x5,72 mm².

MARKING **tasker® C528 1x5,72 mm² (50Ω) - 2,70/7,25/10,30 - 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, **PVC**, **PUR**, with or without Metallic Armor.

Cable Properties

Conductor Resistance	3,20 Ω/Km
Capacity Core/Shield	80 pF/m
Velocity of Propagation	84%
Impedance	50Ω
Insulation Spark Test	4,0 kV
Operative Temperature	-30/+75°C

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

50 MHz	2,50	2590
100 MHz	3,60	1830
500 MHz	9,00	820
800 MHz	11,70	645
1000 MHz	13,20	580
3000 MHz	25,10	330

USE Impiego	X	Indoor	Interno Edificio	INSTALLATION Posa	X	Fixed	Fissa	INFORMATION Informazioni	X	RoHS2 Compliant
	X	Outdoor Limited	Esterno Limitato		X	Restricted Mobile	Mobile Limitata		X	Ver. A / 16.05.16
	X	Outdoor	Esterno			Mobile	Mobile			
	X	Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			