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Technical Datasheet

Halogen Free

tasker® C529 – 2.74/7.25/10.30 mm

RoHS₃

Low Loss Coaxial cable 50 Ω Cable – Outdoor Use



A | B | C | D | E

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 (±0,20) mm
- B:** First Shielding in O.F.C. tinned copper Braid covering 90%
- C:** Second Shielding in Aluminum/PET/Aluminum covering 100%
- D:** Core Insulation with White Gas Expanded Polyethylene (PEG).
Diam. Ø 7,25 (±0,20) mm
- E:** CCA Stiff Wire formation 1x2,74 mm.
Nom. Cross section 1x5,89 mm².

MARKING **tasker® C529 1x5,89 mm² (50Ω) - 2,74/7,25/10,30 - 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	4,70 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

100 MHz	3,60	1830	1000 MHz	12,80	580
200 MHz	5,30	1290	2000 MHz	18,90	410
400 MHz	7,90	910	3000 MHz	23,40	335
500 MHz	9,00	820	4000 MHz	29,05	290
600 MHz	10,00	745	5000 MHz	32,70	254
800 MHz	11,70	645	5800 MHz	34,70	241

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 / 05.04.22
	X	Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			