

Technical Datasheet

tasker® C538 – 1x5,50 mm² RoHS₃ Low Loss Coaxial cable 50 Ω Cable



CATEGORY Coaxial cable 50 Ω (See Data Network Catalogue)
APPLICATIONS High Frequency Antennas and Networks.

- A:** Black PVC - RAL 9004 - Outer Diam. Ø 10,30 (±0,20) mm
B: First Shielding in O.F.C. red copper Braid covering 73%
C: Second Shielding with red copper foil tape covering 100%
D: Core Insulation with White Gas Expanse Polyethylene (PE).
Diam. Ø 7,25 (±0,20) mm
E: Red Copper Stranded formation 7x1,00 mm.
Nom. Cross section 1x5,50 mm².

MARKING tasker® C538 1x5,50 mm² (50Ω) - 7x1,00/7,25/10,30 - 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, PE, PUR, with or without Metallic Armor.

Cable Properties

Conductor Resistance	4,00 Ω/Km
Capacity Core/Shield	80 pF/m
Velocity of Propagation	84%
Impedance	50Ω
Min. Bending Radius (single bending)	5xO.D.
Min. Bending Radius (multiple bending)	10xO.D.
Insulation Spark Test	4,0 kV
Operative Temperature	-15/+70°C

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

50 MHz	3,00	2460
150 MHz	5,00	1420
450 MHz	9,00	820
800 MHz	12,40	615
1000 MHz	14,10	550
2000 MHz	20,50	389
3000 MHz	25,80	318
5800 MHz	37,70	228

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 / 09.07.19
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			