

MILAN S.r.l. a socio unico

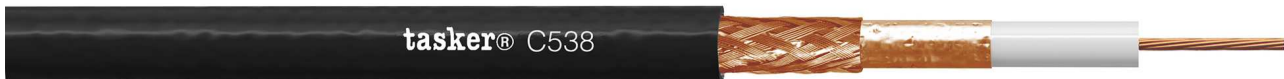
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## Technical Datasheet

# tasker® C538 – 1x5,50 mm<sup>2</sup> ✓RoHS<sub>3</sub>

## Low Loss Coaxial cable 50 Ω



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:** Black PVC - RAL 9004 - Outer Diam. Ø 10,30 (±0,10) 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 expanded polyethylene (PE).  
Diam. Ø 7,25 (±0,10) mm
- E:** Red Copper Stranded formation 7x1,00 mm.  
Nom. Cross section 1x5,50 mm<sup>2</sup>.

**MARKING** **tasker®** C538 1x5,50 mm<sup>2</sup> (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

<b>Conductor Resistance</b>	3,00 Ω/Km
<b>Capacity Core/Shield</b>	80 pF/m
<b>Velocity of Propagation</b>	84%
<b>Impedance</b>	50Ω
<b>Min. Bending Radius (single bending)</b>	5xO.D.
<b>Min. Bending Radius (multiple bending)</b>	10xO.D.
<b>Insulation Spark Test</b>	4,0 kV
<b>Operative Temperature</b>	-15/+70°C

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

<b>50 MHz</b>	2,90	2460
<b>100 MHz</b>	4,10	1739
<b>500 MHz</b>	9,40	778
<b>800 MHz</b>	12,20	615
<b>1000 MHz</b>	13,80	550
<b>1500 MHz</b>	17,10	449
<b>2000 MHz</b>	21,00	375
<b>3000 MHz</b>	25,20	318

<b>USE</b>	<input checked="" type="checkbox"/>	Indoor	Interno Edificio	<b>INSTALLATION</b>	<input checked="" type="checkbox"/>	Fixed	Fissa	<b>INFORMATION</b>	<input checked="" type="checkbox"/>	RoHS3 Compliant
<b>Impiego</b>	<input checked="" type="checkbox"/>	Outdoor Limited	Esterno Limitato	<b>Posa</b>	<input checked="" type="checkbox"/>	Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	<input checked="" type="checkbox"/>	Ver. B / 12.04.19
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			