

MILAN S.r.l. a socio Unico

Head Office - Export Department  
Viale Europa, 74  
20047 Cusago (MI) Italy  
Tel. +39 02 9039.4556 - 4158  
www.taskercables.com

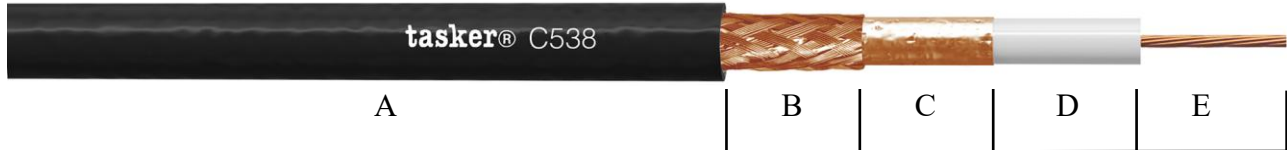
Ufficio Commerciale e Distribuzione  
Viale Europa, 72 Strada F12  
20047 Cusago (MI) Italy  
Tel. +39 02 9039.0037 - 0059  
www.tasker.it

Capitale Sociale € 100.000,00 i.v.  
Cod. Fisc. e RIVA/VAT Nr. IT 03835660154  
RE.A. MI 975732 Reg. Imprese MI 178864-5179-14  
PEC: taskerpec@legalmail.it

## Technical Datasheet

### tasker® C538 – 7x1,00/7,25/10,30 mm

### Low Loss Coaxial cable 50 Ω Cable



**CATEGORY** Low loss coaxial cable 50 Ω

**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 mm<sup>2</sup>. (10 AWG)

**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>	4,00 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>	3,00	2460
<b>150 MHz</b>	5,00	1420
<b>450 MHz</b>	9,00	820
<b>800 MHz</b>	12,40	615
<b>1000 MHz</b>	14,10	550
<b>2000 MHz</b>	20,50	389
<b>3000 MHz</b>	25,80	318
<b>5800 MHz</b>	37,70	228

<b>USE</b>	<b>X</b>	Indoor	Interno Edificio	<b>INSTALLATION</b>	<b>X</b>	Fixed	Fissa	<b>INFORMATION</b>	<b>X</b>	RoHS3 Compliant
<b>Impiego</b>	<b>X</b>	Outdoor Limited	Esterno Limitato	<b>Posa</b>	<b>X</b>	Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	<b>X</b>	Ver. C / 09.07.19
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			