

Technical Datasheet

tasker® RG 58 PUR – Outdoor Use

Coaxial 50Ω Mil. C 17 F Standard Cable



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

- A:** Black Polyurethane (**PUR**) Sheath. Outer Diam. Ø 5,00 (±0,10) mm.
Flame Retardant, Halogen Free and UV, Water, Chemical and Oil Resistant.
- B:** Shielding O.F.C. tinned copper braid covering 98%.
- C:** Core Insulation with transparent compact PE – Diam. Ø 3,00 (±0,20) mm.
- D:** O.F.C. tinned copper stranded formation, 19x0,18 mm.
Nom. Cross section 1x0,48 mm² (50Ω).

MARKING tasker® RG58 PUR 50 Ω Mil. C/17F OUTDOOR USE CABLE
MADE IN ITALY

CUSTOM PRODUCTION This product may be custom produced also in L.S.Z.H. polymer, PE, PVC, with or without Metallic Armor.

Cable Properties

Conductor Resistance	40 Ω/Km	Underwater max install depth	50 m
Capacity Core/Shield	100 pF/m	Min. Screening effectiveness	>57 dB
Velocity of Propagation	66%	Max Rated Voltage	2 KV
Signal Delay	5,00 ns/m	Test Voltage	5 KV
Impedance	50 Ω	Weight	3,5 kg/100m
Min. Bending Radius for single bend	5xouter Ø	Recommended connector	tasker SP56
Min. Bending Radius for Multiple bend	10xouter Ø	Operative Temperature	-40/+80°C

Attenuation at 100 m. and Max Power

50 MHz	9,7 dB	268 W	600 MHz	37,9 dB	77 W
100 MHz	13,9 dB	190 W	800 MHz	45,1 dB	67 W
200 MHz	20,4 dB	134 W	1000 MHz	51,8 dB	60 W
400 MHz	30,0 dB	95 W	1500 MHz	65,6 dB	49 W

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS2 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. B / 15.01.19
	X	Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			