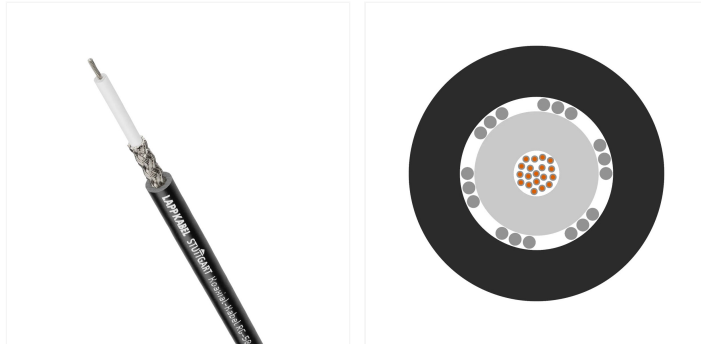


Coaxial - RG 58 C/U**Article No.:** 2170000

Coaxial cables; RG 58 C/U; Nominal characteristic impedance: 50; PVC; 0.035 in; Fixed Installation; -40 °C to 80 °C; black

**Details****Benefits**

- For distortion-free, low-attenuation, high-frequency signal transmission.
- Special cable design ensures particular resistance to external interference.
- Characteristic impedance and attenuation depending on the respective cable design.
- Wide range of variants available.

Application

- For radio and computer systems, as well as all applications related to high frequency technology and electronics
- For signal transmission over short distances.
- For fixed installation and occasional flexing.
- Can be used in dry and damp environments.
- For high thermal and chemical loads.
- Suitable for outdoor use, subject to the temperature range.

Notes

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Remarks

Technical Data

General information

Brand	UNITRONIC®
Product type	Coaxial cables
Copper index	128.3 lb/10000 ft
Industry segment	Construction Machinery Heating, Ventilation, Air Conditioning & Refrigeration Ships & boats

Electrical parameters

Nominal voltage	U_0/U : 2/2 kV AC rms according to IEC
Nominal characteristic impedance	50 Ω
Nominal characteristic impedance tolerance	+/- 2 Ω

Product design

Type of coaxial cables	RG 58 C/U
Cable dimension	0.5
Nominal cross section conductor (mm ²)	0.5 mm ²
Nominal diameter conductor (mm)	0.035 in
Leading conductor cross-section	mm ²
Wire count	19
Conductor design	19-wire

Including protective ground	No
concentric conductor	Yes
Shielded	Yes
With rodent protection	No
Nominal conductor diameter	0.116 in
Nominal outer diameter	0.195 in
Cable form	Round
inner conductor material	Tin-plated Copper
Dielectric	Polyethylene
Dielectric, short form	PE
outer conductor	Tin-plated copper braiding
Basic material of outer jacket	Polyvinylchloride
Base material of outer sheath, shortname	PVC
Outer jacket color	black

Product features

Application area	Fixed Installation
For permanent bending	No
Windable	No
Minimum bending radius, stationary	6 x outer diameter
Minimum bending radius in inch, fixed installation	1.169 in
Minimum bending radius, occasionally moved	10 x outer diameter
Minimum bending radius in mm, occasionally moved	1.949 in
Temperature, fixed installation	-40 °C to 80 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	No
Halogenfree	No
Oil resistant	No
Fast Connect (FC) cable	No

Certifications and standards

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭC N RU Д-DE.АЮ64.В.00130/20, EAЭC N RU Д-DE.РА01.В.47116/21
VDE certified	No
Resistance to flame propagation tested according to UN/ECE-R118	Yes

Coaxial RG

Article No.	Name	Type of coaxial cables	Application area	inner conductor material	Nominal diameter conductor (mm)	outer conductor	Outer conductor second layer	Base material of outer sheath, shortname	Temperature, fixed installation	Copper index
2170000	Coaxial - RG 58 C /U	RG 58 C/U	Fixed Installation	Tin-plated Copper	0.035 in	Tin-plated copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	128.3 lb /10000 ft
2170001	Coaxial - RG-174 A/U	RG 174 A/U	Fixed Installation	Steel-copper Composite	0.019 in	Tin-plated copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	36.3 lb /10000 ft
2170002	Coaxial - RG-178 B/U	RG 178 B/U	Fixed Installation	Silver-plated Steel-copper Composite	0.012 in	Silver-plated copper braided shielding		FEP	-55 °C to 250 °C max. conductor temperature	29.57 lb /10000 ft
2170003	Coaxial - RG-188 A/U	RG 188 A/U	Fixed Installation	Silver-plated Steel-copper Composite	0.02 in	Silver-plated copper braided shielding		PTFE	-55 °C to 250 °C max. conductor temperature	55.77 lb /10000 ft
2170005	Coaxial - RG-213 /U	RG 213 /U	Fixed Installation	Bare Copper	0.089 in	Copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	509.3 lb /10000 ft
2170006	Coaxial - RG-214 /U	RG 214 /U	Fixed Installation	Silver-plated Copper	0.091 in	Silver-plated copper braided shielding	Silver-plated copper braided shielding	PVC	-40 °C to 80 °C max. conductor temperature	791.58 lb /10000 ft
2170007	Coaxial - RG-223 /U	RG 223 /U	Fixed Installation	Silver-plated Copper	0.035 in	Silver-plated copper braided shielding	Silver-plated copper braided shielding	PVC	-40 °C to 80 °C max. conductor temperature	258.7 lb /10000 ft
2170008	Coaxial - RG-62 A /U	RG 62 A/U	Fixed Installation	Copper-plated Steel	0.025 in	Copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	174.7 lb /10000 ft
2170009	Coaxial - RG-11 A /U	RG 11 A/U	Fixed Installation	Tin-plated Copper	0.047 in	Copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	372.94 lb /10000 ft
2170010	Coaxial - RG-187 A/U	RG 187 A/U	Fixed Installation	Silver-plated Copper	0.012 in	Silver-plated copper braided shielding		PTFE	-55 °C to 250 °C max. conductor temperature	49 lb /10000 ft
2170011	Coaxial - RG-11 A /U OUTDOOR	RG 11 A/U	Fixed Installation	Tin-plated Copper	0.047 in	Copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	372.94 lb /10000 ft
2170012	Coaxial - RG-59 B /U	RG 59 B/U	Fixed Installation	Copper-plated Steel	0.023 in	Copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	168 lb /10000 ft
2170016	Coaxial - RG-6 A /U	RG 6 A/U	Fixed Installation	Copper-plated Steel	0.028 in	Copper braiding		PVC	-40 °C to 80 °C max. conductor temperature	483.8 lb /10000 ft

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