

DATA SHEET

RG-213/U MIL C17



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Description

RG-213/U is a universal 50 Ω coaxial cable with an outer diameter of 10.3 mm for a variety of high-frequency applications. RG-213/U is single shielded and has an outer jacket made of black PVC. Manufacturing according to the American MIL-C-17 standard ensures high robustness, constant performance and a long service life.

Applications

RG-213/U is suitable for applications in antenna, radio and reception technology and measurement technology. RG 213/U can also be used in amateur radio and CB radio, in WLAN systems, in electronics and in data transmission.

Technical data

Inner conductor	Stranded copper wire
Inner conductor \varnothing	7 x 0,72 mm
Insulation	Polyethylene (LDPE)
Insulation \varnothing	7,25 mm
Shield	Copper wires braid
Physical coverage	> 95,3 %
Outer sheath	PVC black
Outer diameter	10,3 \pm 0,2 mm
Temperature range	-40 to +80°C Fixed installation -15 to +80°C Moved
Weight	155 kg/km
Standards	Manufactured according to MIL-C-17/74C Flame retardant according to DIN EN 60332-1-2 RoHS compliant

Electrical characteristics

Impedance	50 \pm 2 Ω
Max. frequency	1 GHz
Capacitance	< 100 pF/m
Velocity factor	0,66
Electrical resistance of inner conductor	< 5,8 Ω /km
Spark Tester voltage	5000 V r.m.s.
Typ. attenuation	50 MHz: < 3,9 dB/100 m 100 MHz: < 7,5 dB/100 m 400 MHz: < 15,7 dB/100 m 1000 MHz: < 29,5 dB/100 m