

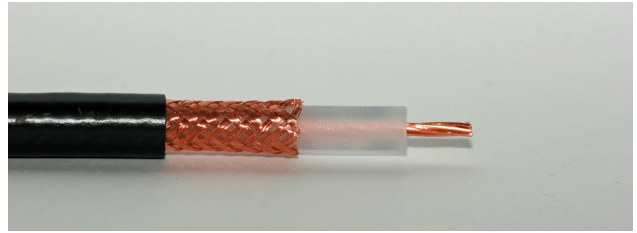
DESCANET RG 213 U

50 Ω

Coaxial cable

Application

Coaxial cables are suitable for distortion-free and low loss transmission of signals with high bandwidth.



Construction

Inner conductor 7x0,75mm, bare copper
Dielectric polyethylene (PE), transparent Ø 7,25 mm
Outer conductor bare copper braid, optical density ca. 95 %
Sheath PVC black
Outer diameter nominal 10,30 mm

Attenuation at

Frequency	Attenuation (db/100m max.)
10 MHz	1,8
100 MHz	6,8
200 MHz	9,0
400 MHz	14,4
1000 MHz	25,0

Technical Properties

Dielectric Voltage Withstand	> 4,2 KV eff.
Characteristic impedance	50 +/- 3 Ω
Propagation velocity	66 %
Insulation resistance	> 5'000 MΩ/km
nominal linear capacitance	100 +/- 3 pF/m at 1 kHz
Temperature range	- 30°C ... + 70°C
Minimum bending radius	7 x cable diameter

Standards / Approvals

according to MIL-C17

Part Number	Type	Overall-Ø	Copper	Weight
	n x mm ²	ca. mm	kg/km	kg/km
212767	DESCANET RG 213 U	bk 10.30	87.00	157.00

Packaging

cut to desired length