

DESCANET RG 214

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, silver plated copper
Dielectric polyethylene (PE), transparent Ø 7,25 mm
Double outer conductor silver plated copper braid,
optical density > 83 % - 88 %
Sheath PVC black
Outer diameter nominal 10,80 mm

Attenuation at

Frequency	Attenuation (db/100m max.)
50 MHz	4,3
200 MHz	9,0
400 MHz	13,2
1000 MHz	22,4

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 bei 1 kHz
Temperature range	- 30°C ... + 70°C
Minimum bending radius	10 x cable diameter

Standards / Approvals

based on MIL RG types

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
212768	DESCANET RG 214 U	bk 10.80	110.00	172.00

Packaging

cut to desired length